

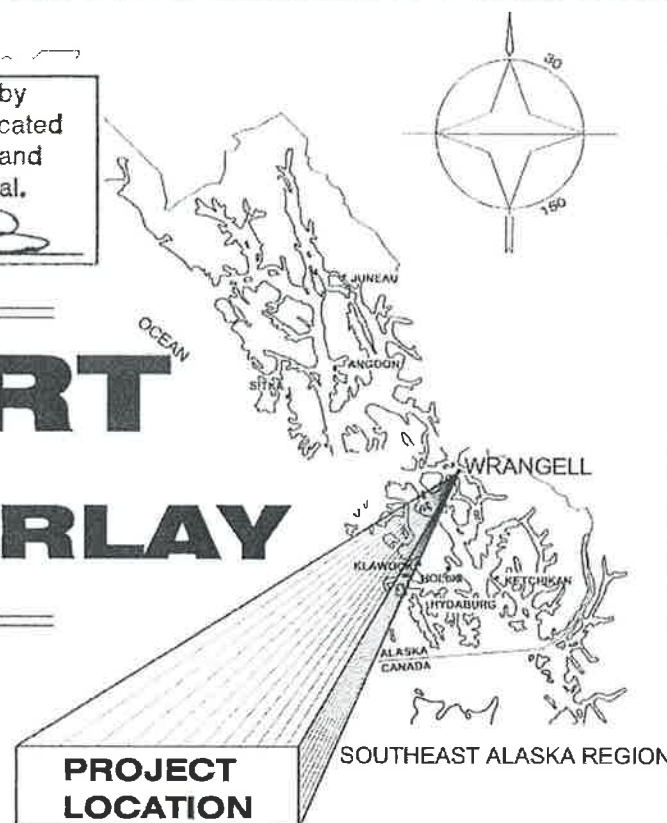
State of Alaska August 14, 2015  
Department of Transportation  
and Public Facilities  
Southcoast Region

WRANGELL AIRPORT  
TAXIWAY AND APRON OVERLAY

PROJECT NO. 68262  
AIP NO. 3-02-0323-14-2015

The undersigned hereby  
certifies that this duplicated  
document is an exact and  
true copy of the original.

*Cody Sutter*



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AS-BUILT PLANS

CONTRACTOR: SECON  
PROJECT ENGINEER: TINA BERGMAN  
BEGIN CONSTRUCTION: SEPT. 1, 2015  
END CONSTRUCTION: FEB. 11, 2016

DESIGN DATA

AIRPORT TYPE..... PRIMARY NON-HUB  
RUNWAY CATEGORY..... TRANSPORT  
RUNWAY INSTRUMENTATION..... R/W 10: NON PRECISION; R/W 28: VISUAL  
RUNWAY/TAXIWAY SURFACE..... ASPHALT CONCRETE  
RUNWAY LIGHTING..... HIGH INTENSITY RUNWAY LIGHTING (HIRL)  
TAXIWAY LIGHTING..... MEDIUM INTENSITY TAXIWAY LIGHTING  
AIRPORT REFERENCE CODE..... C-III  
RUNWAY DIMENSIONS..... 6000 X 150'  
AIRPORT ELEVATION (NAVD88)..... 44 MSL  
AIRPORT REFERENCE POINT..... Latitude N 56° 29' 03.56011"  
(ARP COORDINATES -- NAD '83) Longitude W 132° 22' 11.37538  
RUNWAY SAFETY AREA WIDTH..... 500'  
RUNWAY OBJECT FREE AREA WIDTH..... 800'  
CRITICAL AIRCRAFT..... BOEING 737-400  
VISUAL/INST NAVAIDS R/W 10..... VOR/DME, NDB, LDA/DME, REIL, VASI  
VISUAL/INST NAVAIDS R/W 28..... REIL, VASI

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
Southcoast Region



6/23/2015

APPROVED: *Pat Carroll*  
PAT CARROLL, P.E.  
REGIONAL PRE-CONSTRUCTION ENGINEER

6/29/15  
DATE

APPROVED: *Chuck Correa*  
CHUCK CORREA, P.E.  
DIRECTOR OF DESIGN AND CONSTRUCTION, SOUTHCOAST REGION

6/29/15  
DATE

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

CONSTRUCTION PROJECT MANAGER DATE

PATH: Q:\Wrg\68262\Planset\68262\_A1\_TITLE\_SHEET.dwg  
Thu, 18/Jun/15 11:49AM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	AIP NO. 3-02-0323-14-2015	2015	A1	22

## Horizontal Control:

The DOT/PF Wrangell Grid 2001 System is a local ground coordinate system based at the NGS Secondary Airport Control Station WRG-D.

It relates to AKSPC zone 1 NAD83 (92) through the following parameters:

Zone = NAD83 AKSPC ZONE 1

Grid Scale = 0.99991097

Convergence = +1°04'53"

Translation about NGS control point WRG-D as follows:

AKSPC Northing = 1699291.47 FT US

AKSPC Easting = 2950572.15 FT US

Local Northing = 300000.00 FT US

Local Easting = 300000.00 FT US

## Project Specific Basis of Horizontal and Vertical Control

### POINT#74

Local NEZ 301887.28 294790.74 66.21  
AKSPC NE 1701079.94 2945328.67

### POINT#75

Local NEZ 301722.85 295708.06 39.60  
AKSPC NE 1700932.87 2946248.85

### POINT#76

Local NEZ 301986.77 295275.22 37.25  
AKSPC NE 1701188.55 2945811.14

MONUMENTS TO BE REPLACED  
IN KIND PER DOT SURVEY

THREE EACH

## Vertical Control:

The basis of vertical control is the N.O.S. Benchmark "BM-9"

with a 2004 published value of 45.79' above MLLW. This is NOS tidal series 9451205.

<http://co-ops.nos.noaa.gov/benchmarks/9451204.html>

Existing Survey Control						
Point #	Northing	Easting	Elevation	Description	Station	Offset
74	301887.28	294790.74	66.21	ALCNTL2" SET_74-2012	10+67.18	589.56R
75	301722.85	295708.06	39.60	CL_MON_DOT	19+35.94	252.27R
76	301986.77	295275.22	37.25	CL_MON_DOT	14+28.98	252.34R

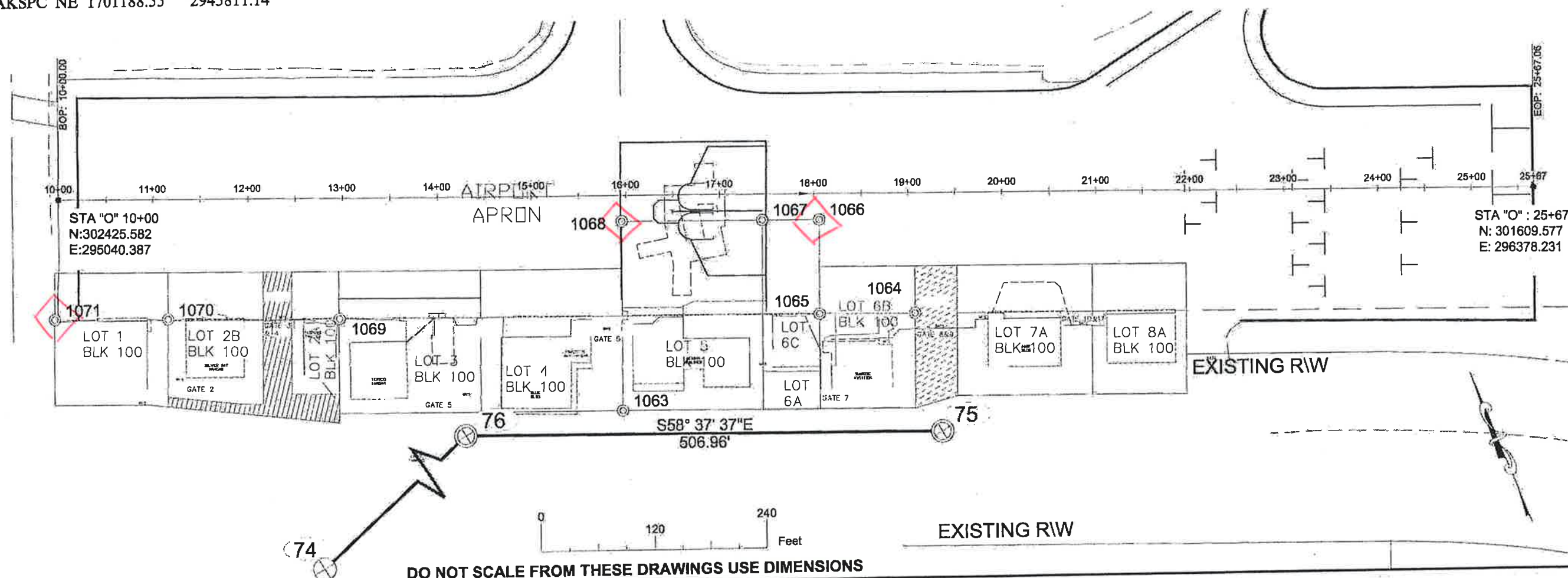
### NOTE:

PRESERVE ALL MONUMENTS IN THE PROPERTY AND SURVEY CONTROL TABLE. IF ANY MONUMENTS ARE TO BE DISTURBED, REFERENCE THEM PRIOR TO DISTURBANCE AND REPLACE AT THEIR ORIGINAL HORIZONTAL POSITION.

Existing Lease Lot Corners						
Point #	Northing	Easting	Elevation	Description	Station	Offset
1063	301921.32	295430.43	37.01	ALCAP1.5" LS6268	15+95.57	227.40R
1064	301844.53	295748.57	39.87	PK	19+07.16	127.29R
1065	301897.47	295661.79	39.11	PK	18+05.51	127.29R
1066	301982.69	295713.91	38.53	ALCAP1.5" LS6268	18+05.63	27.39R
1067	302014.05	295662.65	38.09	ALCAP1.5" LS6700	17+45.54	27.31R
1068	302092.19	295534.64	37.11	ALCAP1.5" LS6700	15+95.56	27.26R
1069	302162.42	295227.03	35.56	PK	12+96.38	127.48R
1070	302257.07	295072.97	34.27	PK	11+15.56	126.90R
1071	302319.69	294970.56	32.97	IP.6"	N/A	N/A

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Berger Date 6/20/15



PATH:Q:\WRG\68262\SVCS\01\BASEMAPS\68262\_APRON\_A

IGNOTOV, DANIEL M (DOT)  
TAB: A2 Wednesday, July 01, 2015 3:41:49 PM

ADDITIONAL NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

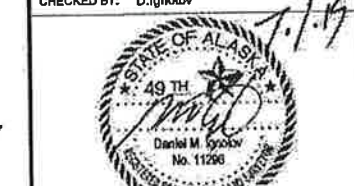
### MONUMENT NOTES:

1. If any pair of control points disagrees from published value by more than 1:10,000 horizontally or vertically then a third network point must be tied to ascertain which point is in error or has been disturbed.

2. Whether listed or not, all monuments, property markers, or accessories that will be disturbed or buried shall be referenced prior to being disturbed, and re-established in their original position and a record of monument form in accordance with A.S.34.65.040 shall be submitted to the construction engineer for review prior to recording. Coordinate values listed are for informational purposes and should be used to reset monuments only as a last resort.

### PLAN LEGEND

CHECKED BY: D. Ignatov



DESIGNED BY: J. Johnson

DRAWN BY: J. Johnson

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

### SURVEY CONTROL

PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A2	23

ABBREVIATIONS

AC	ASPHALT CONCRETE	MAX.	MAXIMUM
AIP	AIRPORT IMPROVEMENT PROGRAM	MIN.	MINIMUM
APPROX.	APPROXIMATE	N	NORTHING
ARFF	AIRPORT RESCUE AND FIRE FIGHTING	N/A	NOT APPLICABLE
BMP	BEST MANAGEMENT PRACTICES	N.T.S.	NOT TO SCALE
BRL	BUILDING RESTRICTION LINE	OFZ	OBSTACLE FREE ZONE
CL	CENTERLINE	PAPI	PRECISION APPROACH PATH INDICATOR
CAP	CORRUGATED ALLUMINUM PIPE	PC	POINT OF CURVATURE
CF	CUBIC FOOT	PT	POINT OF TANGENCY
CFR	CODE OF FEDERAL REGULATIONS	PVI	POINT OF VERTICAL INTERSECTION
CFS	CUBIC FEET PER SECOND	PVMT	PAVEMENT
CMP	CORRUGATED METAL PIPE	R	RADIUS
CPP	CORRUGATED POLYETHYLENE PIPE	ROFA	RUNWAY OBJECT FREE AREA
C.S.	CONTINGENT SUM	ROW	RIGHT OF WAY
CY	CUBIC YARD	RT	RIGHT
DIA.	DIAMETER	RSA	RUNWAY SAFETY AREA
E	EASTING	R/W	RUNWAY
ELEV.	ELEVATION	SIDA	SECURITY IDENTIFICATION DISPLAY AREA
ESCP	EROSION AND SEDIMENT CONTROL PLAN	STA	STATION
FAA	FEDERAL AVIATION ADMINISTRATION	TSA	TAXIWAY SAFETY AREA
FOD	FOREIGN OBJECT DEBRIS	TYP	TYPICAL
FT	FEET	T/W	TAXIWAY
GND	GROUND	U.S.	UNITED STATES
LB	POUND	WQCP	WATER QUALITY CONTROL PLAN
LT	LEFT		
LTG	LIGHTING		
LVC	LENGTH OF VERTICAL CURVE		

DEFINITIONS

AOA - AIR OPERATIONS AREA - ALL AREAS OPEN FOR LANDING, TAKEOFF, OR GROUND MOVEMENT OF AIRCRAFT. THIS INCLUDES THE R/W, RSA, T/W, TSA AND APRON. ALL VEHICLES ENTERING THIS AREA SHALL BE APPROPRIATELY MARKED AND THE DRIVER SHALL BE TRAINED AND HAVE APPROPRIATE COMMUNICATIONS EQUIPMENT,

FLIGHT SURFACE - THE FLIGHT SURFACE IS THE APPROACH/DEPARTURE SURFACE FOUND IN AC 150/5300-13 CHAPTER 3. THE FLIGHT SURFACE FOR LARGE AIRCRAFT (GREATER THAN 12,500 LB MAXIMUM TAKEOFF WEIGHT) STARTS 200' BEYOND EACH THRESHOLD AT THE RUNWAY CENTERLINE ELEVATION AND RAISES AT A SLOPE OF 20:1. IT TAPERS FROM 1,000' WIDE TO 3,800' WIDE 10,200' FROM THE THRESHOLD.

ALL PERSONS, MATERIAL, AND EQUIPMENT MUST BE OUTSIDE OF THIS AREA DURING AIRCRAFT OPERATIONS.

LCA - LOCALIZER CRITICAL AREA - THE LOCALIZER CRITICAL AREA IS A SURFACE WITH A VARIABLE DISTANCE SURROUNDING THE LOCALIZER DIRECTIONAL AID.

OFZ - OBSTACLE FREE ZONE - THE OFZ IS THE THREE-DIMENSIONAL AIRSPACE CENTERED ABOVE THE RUNWAY CENTERLINE THAT IS REQUIRED TO BE CLEAR OF OBSTACLES FOR PROTECTION FOR AIRCRAFT LANDING OR TAKING OFF FROM THE RUNWAY AND FOR MISSED APPROACHES. THE OFZ IS AT A MAXIMUM HEIGHT OF 150 FEET AND EXTENDS 600' BEYOND EACH END OF RUNWAY THRESHOLD, AND 200' FROM THE RUNWAY CENTERLINE AT THE ELEVATION OF THE NEAREST OUTSIDE ELEVATION OF THE RUNWAY.

ROFA - RUNWAY OBJECT FREE AREA - THE ROFA ENHANCES THE SAFETY OF AIRCRAFT OPERATIONS BY REMAINING CLEAR OF OBJECTS, EXCEPT FOR OBJECTS THAT NEED TO BE LOCATED IN THE ROFA FOR AIR NAVIGATION OR AIRCRAFT GROUND MANEUVERING PURPOSES. THE EXISTING ROFA EXTENDS 1000' BEYOND EACH END OF RUNWAY, AND 400' FROM THE RUNWAY CENTERLINE AT THE ELEVATION OF THE NEAREST OUTSIDE EDGE OF THE RSA. DURING CONSTRUCTION, THE ROFA EXTENDS 300' BEYOND EACH END OF RUNWAY, AND 250' FROM THE RUNWAY CENTERLINE AT THE ELEVATION OF THE NEAREST OUTSIDE EDGE OF THE RSA. EQUIPMENT AND MATERIAL STOCKPILES SHALL BE STORED OUTSIDE OF THESE AREAS.

RSA - RUNWAY SAFETY AREA - THE EXISTING RSA EXTENDS 600' BEYOND THE END OF RUNWAY 10 THRESHOLD AND 1000' BEYOND THE END OF RUNWAY 28 THRESHOLD. THE EXISTING RSA IS LOCATED 250' FROM THE RUNWAY CENTERLINE. THE RSA WILL BE 75' FROM THE CENTERLINE OF THE RUNWAY DURING CONSTRUCTION, WHICH WILL REQUIRE A NOTAM TO CHANGE THE AIRPORT CATEGORY TO B-II.

SIDA - SECURITY IDENTIFICATION DISPLAY AREA - AREAS IDENTIFIED IN THE AIRPORT SECURITY PROGRAM AS SIDA REQUIRE EACH PERSON TO CONTINUOUSLY DISPLAY ON THEIR OUTERMOST CLOTHING AN AIRPORT-APPROVED SIDA IDENTIFICATION UNLESS UNDER AIRPORT APPROVED ESCORT.

TSA - TAXIWAY SAFETY AREA - TAXIWAY 'A' HAS A 118' WIDE TSA AND TAXIWAY 'B' HAS A 49' WIDE TSA, WHICH ARE CENTERED ON TAXIWAY 'A' AND TAXIWAY 'B' RESPECTIVELY. THE TSAs WILL REMAIN AT THEIR PRESENT LOCATION REGARDLESS OF HALF WIDTH CLOSURES. WHEN THE AIRPORT REFERENCE CODE IS TEMPORARILY CHANGED TO B-II, THE TAXIWAY 'A' IS 49' WIDE. THE TSA IS A SURFACE ALONGSIDE THE TAXIWAY PREPARED OR SUITABLE FOR REDUCING THE RISK OF DAMAGE TO AN AIRPLANE UNINTENTIONALLY DEPARTING FROM THE TAXIWAYS.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *J. Beggs* Date *6/20/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TRIPP, CHARLES M (DOT)  
TAB: A3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

LEGEND & ABBREVIATIONS

PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

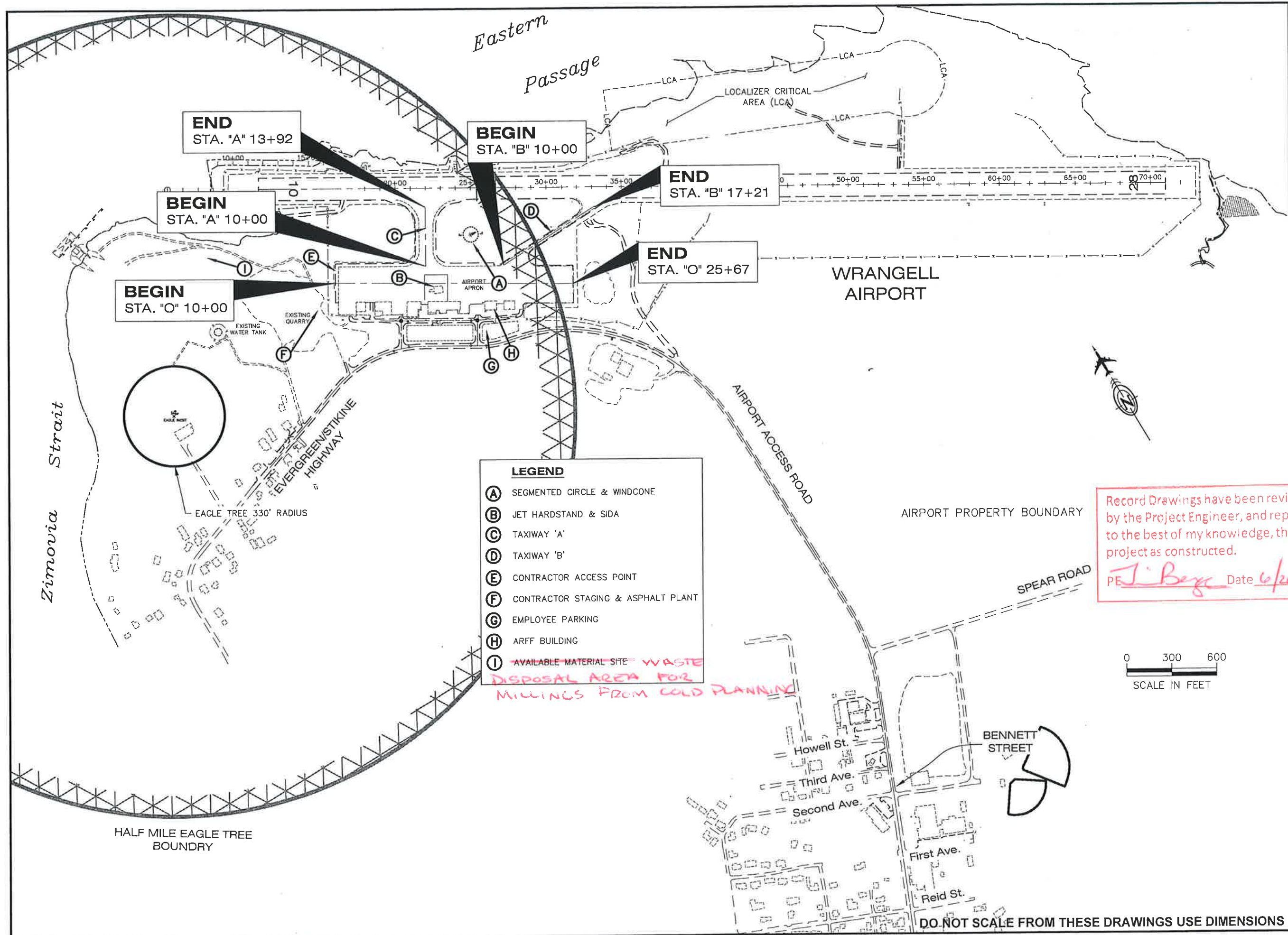
ABBREVIATIONS AND  
DEFINITIONS

PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A3	22

## GENERAL LAYOUT PLAN

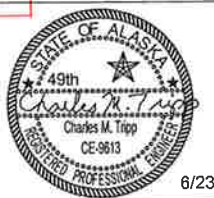


Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE J. Beyer Date 6/24/17 CHECKED

## PLAN LEGEND

CHECKED BY: C. TRIPP



6/23/2015

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

## GENERAL LAYOUT PLAN



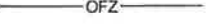




PROJECT DESIGNATION

68262/3-02-0323-14-2015

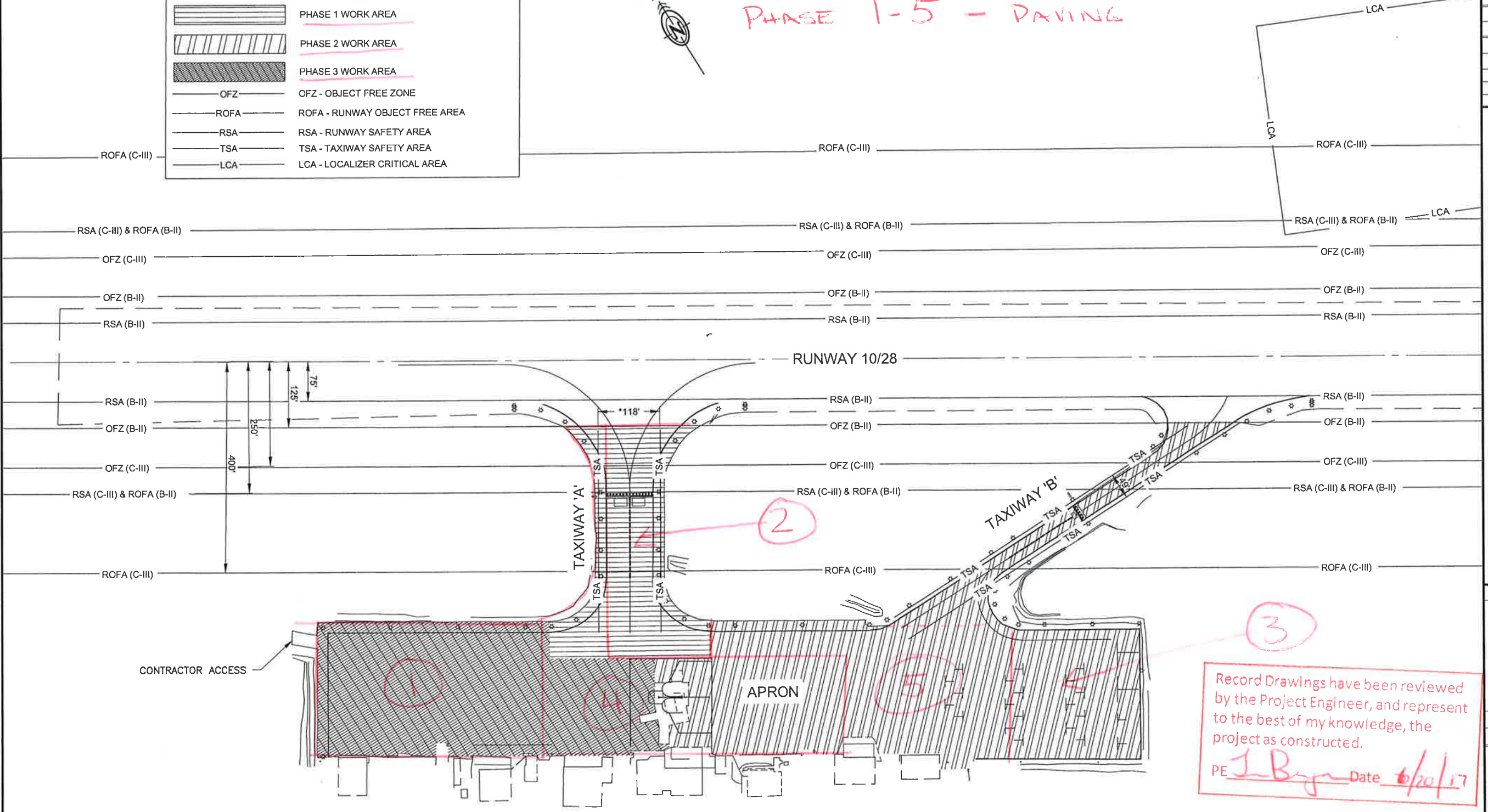
STATE	YEAR
<b>ALASKA</b>	<b>2015</b>
SHEET NUMBER	TOTAL SHEETS
<b>A4</b>	<b>22</b>

**DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS**

**LEGEND:**

	PHASE 1 WORK AREA
	PHASE 2 WORK AREA
	PHASE 3 WORK AREA
	OFZ - OBJECT FREE ZONE
	ROFA - RUNWAY OBJECT FREE AREA
	RSA - RUNWAY SAFETY AREA
	TSA - TAXIWAY SAFETY AREA
	LCA - LOCALIZER CRITICAL AREA

PHASE 1-5 - PAVING



Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.  
PE *J. Byrne* Date *6/20/17*


- NOTE:
1. DURING CLOSURES TO ALASKA AIRLINES, THE AIRPORT BECOMES A CATEGORY B-II AIRPORT
  2. \*TAXIWAY 'A' WILL HAVE A TSA OF 79' WHILE THE AIRPORT IS CATEGORY B-II, CENTERED ON THE MIDPOINT OF THE ACTIVE HALF OF THE TAXIWAY.
  3. SEE CONSTRUCTION SAFETY PLAN (CSPP) ON SHEETS A6-A10, AS WELL AS THE CSPP DOCUMENT IN APPENDIX D OF THE CONTRACT.

TRIPP, CHARLES M (DOT)		
TAB: A5		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

RUNWAY AND TAXIWAY SURFACES PLAN

**PLAN LEGEND**

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT  
DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

**RUNWAY AND TAXIWAY SURFACES PLAN**

PROJECT DESIGNATION	
68262/3-02-0323-14-2015	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A5	22

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SEQUENCING NOTES:

1. IN GENERAL, THE WORK CONSISTS OF COLD PLANING 2" PORTIONS OF THE APRON AND TAXIWAY 'A', AND PAVING A 2" LIFT OF ASPHALT ON THE APRON AND TAXIWAYS. THE WORK IS SEQUENCED TO MAINTAIN AIRPORT OPERATIONS AND TO MINIMIZE COLD JOINTS.
2. ALL PAVING ON THE TAXIWAYS ARE RESTRICTED TO WHEN THE AIRPORT REFERENCE CODE (ARC) IS TEMPORARILY NOTAMED TO B-II.
3. WHILE WORKING WITHIN THE RSA AND TSAs, THE CONTRACTOR SHALL LIMIT THE WORK AREA TO THAT WHICH CAN BE COMPLETED IN A SHIFT BEFORE ALASKA AIRLINES IS SCHEDULED FOR DEPARTURE OR ARRIVAL.
4. THE GENERAL SCOPE OF WORK FOR EACH STAGE IS DESCRIBED IN THE FOLLOWING PLAN SHEETS. PARTICULAR RESTRICTIONS ARE NOTED IN THE PLAN FOR EACH STAGE.
5. PHASES 1 - 4 SHOW THE CONSTRUCTION SEQUENCE FOR WORK UNDER THIS CONTRACT. THE TASKS SHOWN IN EACH PHASE MAY REQUIRE DIFFERENT SEQUENCING, OR CONCURRENT PROGRESS WITH OTHER TASKS TO ACCOMPLISH THE WORK. THE APPROVED CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) IN APPENDIX D OF THE CONTRACT AND THE SPECIFICATIONS PROVIDE ADDITIONAL GUIDANCE ON OPERATIONAL LIMITATIONS. PHASE CONSTRUCTION TO COMPLY WITH ALL CONDITIONS OF THE CSPP, THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), SUBSECTION 80-04 LIMITATION OF OPERATIONS, AND PROJECT PERMIT STIPULATIONS.
6. DEVELOP A CONSTRUCTION SCHEDULE. SEE SECTION G-300 CRITICAL PATH METHOD SCHEDULING.
7. USE THE PHASES AS A BASIS FOR PREPARING A STORMATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES FOR EACH PHASE. THE PROJECT EROSION AND SEDIMENT CONTROL PLAN (ESCP) MEASURES APPLY TO ALL PHASES. PROVIDE SWPPP UPDATES AS EACH STAGE PROGRESSES.
8. ALL FAA FACILITIES SHALL REMAIN IN OPERATION THROUGHOUT THE PROJECT EXCEPT AS SPECIFIED IN THE APPROVED PHASING PLAN. DAMAGE TO FAA FACILITIES INCLUDING POWER DISRUPTION SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE FAA AT THE CONTRACTOR'S EXPENSE, AND SHALL BE REPORTED TO THE ENGINEER.
9. GREEN SIDA CONES SHALL BE AVAILABLE TO DELINEATE THE CORNERS OF THE SIDA IN THE CASE THAT TEMPORARY STRIPING IN THE SIDA CANNOT BE INSTALLED IN IN TIME TO RECEIVE TRAFFIC.
10. CONTRACTOR SHALL SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) FOR APPROVAL OF THE DEPARTMENT. ANY CHANGES TO THE SPCD MUST ALSO BE SUBMITTED FOR APPROVAL.
11. THE CONTRACTOR SHALL HAVE A COMMAND VEHICLE OPERATOR (CVO) ON DUTY FOR CONSTRUCTION. THE CVO SHALL BE STATIONED WITHIN THE AOA AND CONTINUOUSLY MONITOR 122.6 MHZ. THE CVO SHALL MAINTAIN VISUAL AND COMMUNICATIONS COMMAND AT ALL TIMES. ALL PERSONNEL, EQUIPMENT, AND MATERIALS SHALL BE CLEAR OF THE AOA, FLIGHT SURFACE, AND OFZ DURING ALASKA AIRLINES OPERATIONS. ALL PERSONNEL, EQUIPMENT, AND MATERIALS SHALL BE CLEAR OF THE TSA WHILE THE TAXIWAYS OR RUNWAYS HAVE AN AIRCRAFT APPROACHING OR DEPARTING.
12. NO RUNWAY CLOSURES WILL BE PERMITTED. WORK WITHIN TAXIWAYS SHALL OCCUR ONLY UNDER THE FOLLOWING CONDITIONS: 

ADDENDUM #1

A. AFTER THE DEPARTURE OF AS 64 AT 4:30 PM AND ONE HOUR BEFORE THE ARRIVAL OF AS 65 AT 10:20 AM.

B. THE AIRCRAFT HAS BEEN TEMPORARILY DESIGNATED B-II BY NOTAM FOR AIRCRAFT WITH: APPROACH SPEEDS LESS THAN 121 KNOTS, WITH WINGSPANS LESS THAN 79 FEET, AND TAIL HEIGHTS LESS THAN 30 FEET.
13. TEMPORARY MARKINGS SHALL BE MONITORED FREQUENTLY AND IMMEDIATE ACTION TAKEN TO CORRECT IMPROPER ASPECTS. TEMPORARY AIRPORT MARKINGS SHALL BE CLEARLY VISIBLE TO PILOTS, CONCISE AND NOT MISLEADING, CONFUSING OR DECEPTIVE. TEMPORARY MARKINGS SHALL BE SECURED IN PLACE TO PREVENT MOVEMENT FROM PROP WASH, JET BLAST, WIND VORTICES, WIND CURRENTS OR WIND AND RAIN STORM SURGES.
14. ON SURFACES ON THE TAXIWAY THAT WILL REMAIN EXPOSED, OBLITERATE EXISTING PERMANENT MARKINGS BY GRINDING OR BY SAND/WATER BLASTING OR COVER THEM WITH FLAT BLACK PAINT UNTIL THEY ARE REMOVED. APPLY TEMPORARY MARKINGS WITH WATER BASED PAINT. REMOVE BY GRINDING OR SAND/WATER BLASTING.
15. AIRPORT SECURITY MUST BE MAINTAINED AT THE ENTRANCE TO THE AIRPORT AS SHOWN ON SHEET A4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT ENTRY OF UNAUTHORIZED PERSONS OR VEHICLES. IF LEFT OPEN, THE GATE USED BY THE CONTRACTOR SHALL BE CONTINUOUSLY STAFFED BY A TRAINED AND BADGED KNOWLEDGEABLE EMPLOYEE. THE GATE GUARD SHALL NOT BE THE CVO.
16. STORAGE OF MATERIALS AND PARKING OF EQUIPMENT SHALL NOT BE ALLOWED INSIDE THE ROFA, OR THE AOA.
17. THIS PROJECT REQUIRES WORK IN THE TAXIWAYS AND APRON. THE TSAs WILL BE AFFECTED AS THE TAXIWAYS ARE BEING PAVED. DO NOT ALLOW MEN, MATERIAL, OR EQUIPMENT ON THE APRON, TAXIWAYS OR RUNWAY WITHOUT APPROVAL FROM THE ENGINEER. ACTIVELY SWEEP THE APRON AND TAXIWAY TO REMOVE FOD.
18. ALL EQUIPMENT MUST BE PROPERLY EQUIPPED WITH MARKING AND LIGHTING REQUIRED BY AC 150/5210-5.
19. PERFORM WORK OUTSIDE THE CLASS C-III RUNWAY AND TAXIWAY AREAS AT ANY TIME DURING THE CONTRACT, SUBJECT TO SUBJECT TO THE LIMITS OF THE CSPP, THE SPCD, LIMITATIONS AND DESCRIBED IN SECTION 80 OF THE GENERAL CONTRACT PROVISIONS, AND PERMIT STIPULATIONS.
20. CONSTRUCTION EQUIPMENT SHALL EVACUATE FROM THE RSA AND OFZ WHEN AIRCRAFT ARE TAKING OFF OR LANDING.

GENERAL SAFETY REQUIREMENTS:

1. THE WORK REQUIRES THE CONTRACTOR TO CONDUCT HIS/HER OPERATIONS WITHIN THE AIRPORT'S AOA, RSA, AND THE TSA. ALL WORK ON AIRPORT PROPERTY SHALL BE COORDINATED WITH THE AIRPORT MANAGER AND CARRIED OUT UNDER APPROVED, CURRENT CSPP AND SPCD.
2. THE CONTRACTOR WILL COMPLY WITH ALL FEDERAL REGULATIONS AND CURRENT ADVISORY CIRCULARS CONCERNING CONSTRUCTION SAFETY AT AIRPORTS.
3. THE CONTRACTOR SHALL CONTINUOUSLY MONITOR APPROPRIATE RADIO FREQUENCIES FOR APPROACHING AIRCRAFT. THE CONTRACTOR SHALL CONTINUALLY MONITOR RADIO TRAFFIC FOR THE PRESENCE OF APPROACHING AIRCRAFT. HE SHALL REMAIN CONTINUOUSLY INFORMED REGARDING FLIGHT SCHEDULE TIMES.
4. COVER OR OTHERWISE TAXIWAY LIGHTS ON ANY CLOSED PORTIONS AS APPROVED BY THE ENGINEER. REMOVE COVERS OR OTHERWISE ENABLE LIGHTS WHEN THESE PORTIONS OF THE TAXIWAY ARE REOPENED.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *[Signature]* Date 6/20/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\WRGI68262\PLANSET\68262\_A6\_SEQUENCE.DWG

TRIPP, CHARLES M (DOT)  
TAB: A6

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CONSTRUCTION SAFETY AND PHASING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA  
49th  
Charles M. Tripp  
CE-9613  
REGISTERED PROFESSIONAL ENGINEER

6/23/2015

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262




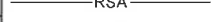

CONSTRUCTION  
SAFETY &  
PHASING PLAN

PROJECT DESIGNATION

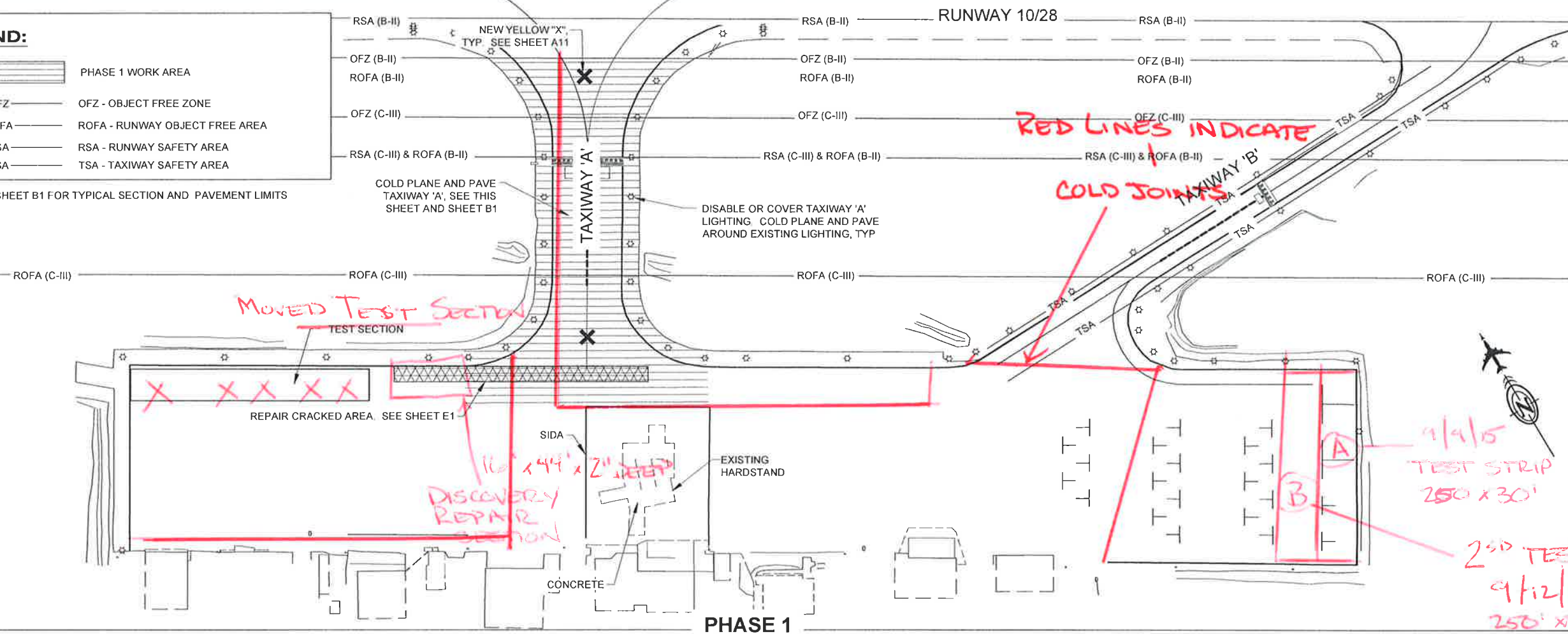
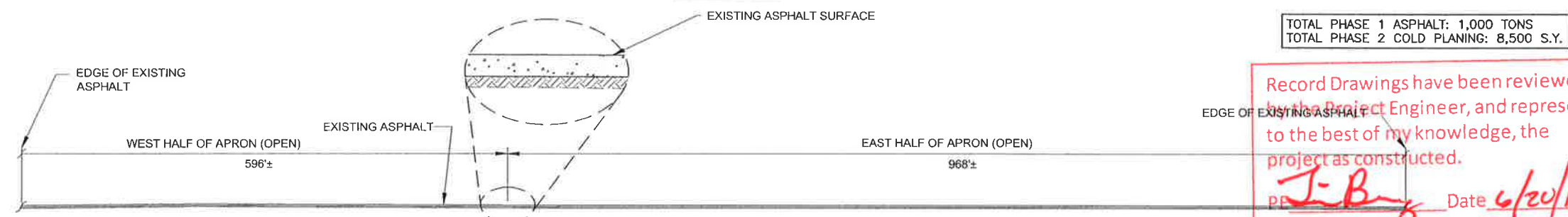
68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A6	22

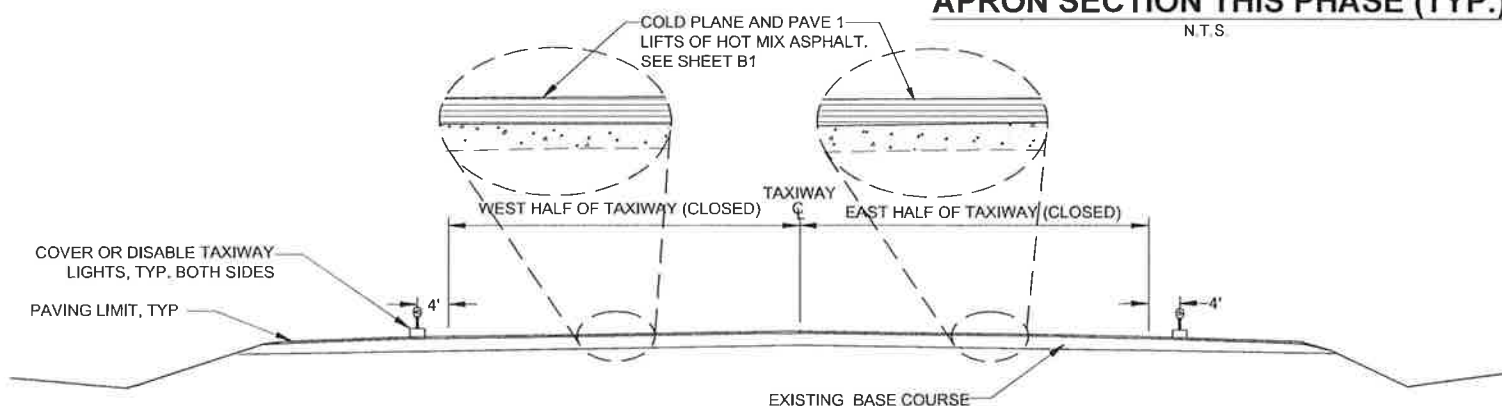
**LEGEND:**

	PHASE 1 WORK AREA
	OFZ - OBJECT FREE ZONE
	ROFA - RUNWAY OBJECT FREE AREA
	RSA - RUNWAY SAFETY AREA
	TSA - TAXIWAY SAFETY AREA

NOTE: SEE SHEET B1 FOR TYPICAL SECTION AND PAVEMENT LIMITS

**PHASE 1****APRON SECTION THIS PHASE (TYP.)**

N.T.S.

**TAXIWAY 'A' SECTION THIS PHASE (TYP.)**

N.T.S.

**PHASE 1 - REPAIR CRACKED AREA, COLD PLANE AND PAVE PORTIONS OF TAXIWAY 'A', REOPEN TO ALASKA AIRLINES TRAFFIC BY MORNING**

1. CONSTRUCT THE STAGING AREA.
2. CONSTRUCT / INSTALL EROSION SEDIMENT CONTROL MEASURES AS SHOWN ON THE APPROVED SWPPP AT THE WASTE AREAS, TAXIWAYS, AND APRON AS WORK PROCEEDS, AND AS WARRANTED.
3. PLACE YELLOW "X" ON CLOSED TAXIWAY 'A' ENDS DURING TAXIWAY 'A' CLOSURES.
4. DO NOT BEGIN PAVING UNTIL A SUCCESSFUL TEST SECTION IS COMPLETED ON THE APRON PER P-401-3.4.
5. REPAIR CRACKED AREA ON THE APRON PRIOR TO COLD PLANING TAXIWAY 'A'.
6. A 15' TRANSITION RAMP FROM THE TOP OF EXISTING ASPHALT TO THE TOP OF NEW COLD PLANED SURFACE MUST BE PLACED AT THE ENDS OF ANY COLD PLANED SURFACE ON TAXIWAY 'A' THAT WAS NOT PAVED IN THE SAME NIGHT AS COLD PLANING.
7. COLD PLANE EXISTING PAVEMENT OF TAXIWAY 'A' PER TYPICAL SECTION.
8. PAVE TAXIWAY 'A' PER TYPICAL SECTION.
9. RESTRIPE TAXIWAY 'A' PER MARKING DETAILS.
10. DO NOT HAVE EQUIPMENT WITHIN 100' OF THE SIDA WHILE THERE ARE ACTIVE AIRCRAFT WITHIN THE SIDA.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *T. B.* Date 6/20/17

PATH:Q:\WRG\68262\PLANSET\68262\_A5\_A7-A10\_C\SWPPP.DWG

TRIPP, CHARLES M (DOT)  
TAB: A7

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CONSTRUCTION SAFETY AND PHASING PLAN

**PLAN LEGEND**

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGIONWRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262**CONSTRUCTION  
SAFETY AND  
PHASING PLAN**

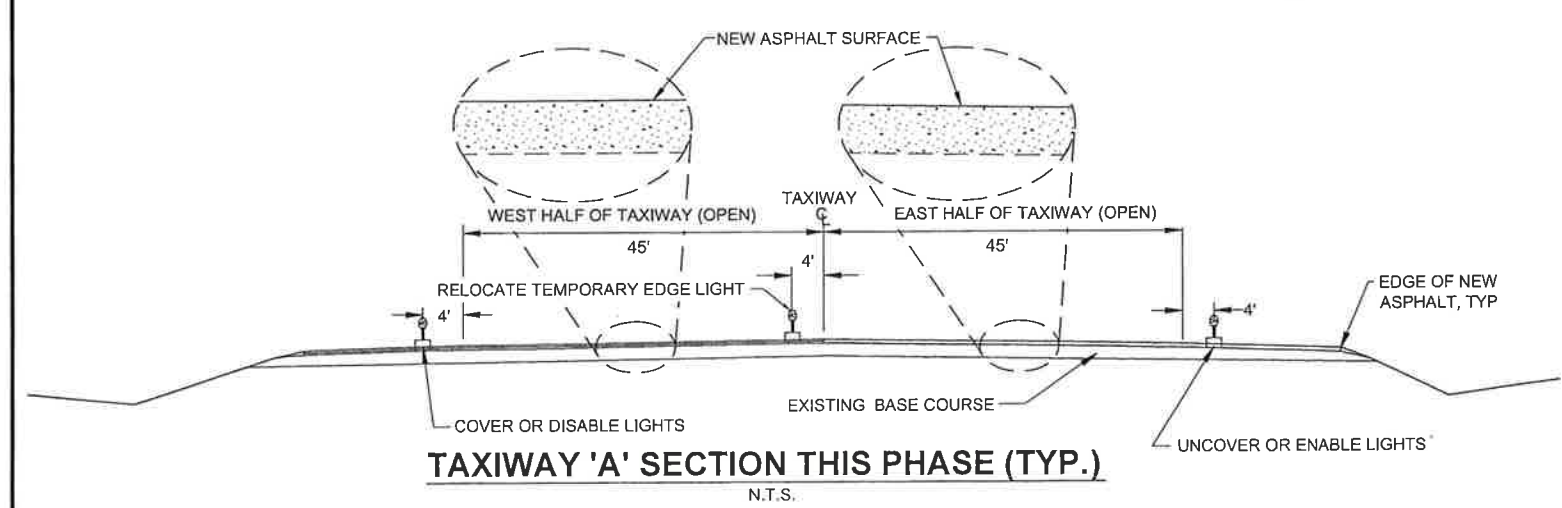
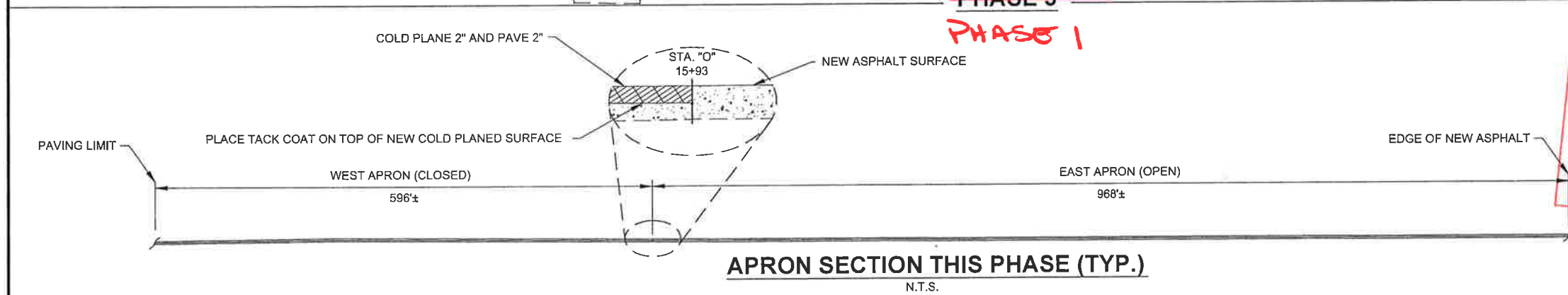
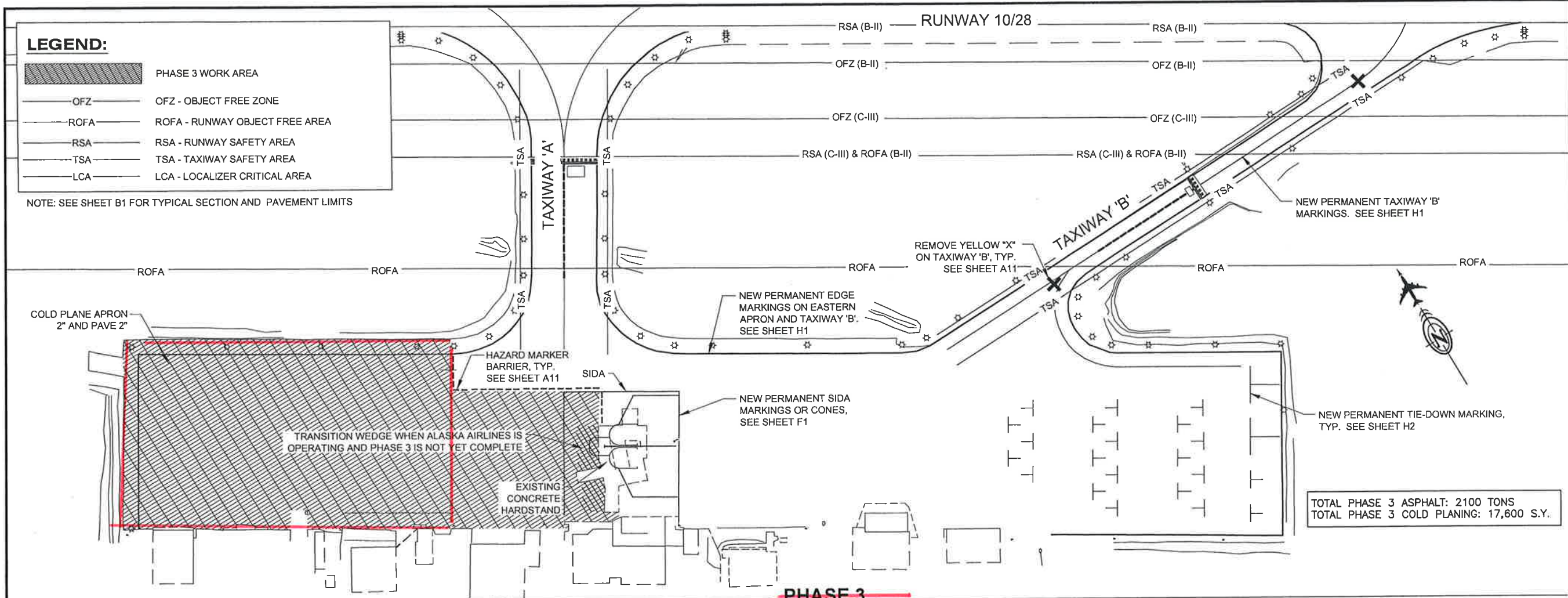
PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A7	22

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





### PHASE 3 - PAVE WESTERN HALF OF APRON

1. INSTALL MARKINGS ON THE SIDA, HARDSTAND, TAXIWAY 'B', AND THE EAST PART OF THE APRON.
2. DO NOT HAVE EQUIPMENT WITHIN 100' OF THE SIDA WHILE THERE ARE ACTIVE AIRCRAFT WITHIN THE SIDA.
3. COLD PLANE EXISTING PAVEMENT ON THE WEST PART OF THE APRON.
4. PLACE A 30' TRANSITION WEDGE AFTER THE AREA NEAR THE HARDSTAND IS COLD PLANED, WHILE THE AREA AROUND IT IS NOT PAVED.
5. PAVE A 2" LIFT OF ASPHALT ON THE WEST PART OF THE APRON.

NOTE:  
JET TO PARK ON HARDSTAND. USE TUG TO PUSH BACK

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\WRG\68262\PLANSET\68262\_A5\_A7-A10\_C\PP.DWG

TRIPP, CHARLES M (DOT)  
TAB: A9

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

**PLAN LEGEND**

CHECKED BY: C. TRIPP

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

**CONSTRUCTION SAFETY AND PHASING PLAN**

PROJECT DESIGNATION

68262/3-02-0323-14-2015

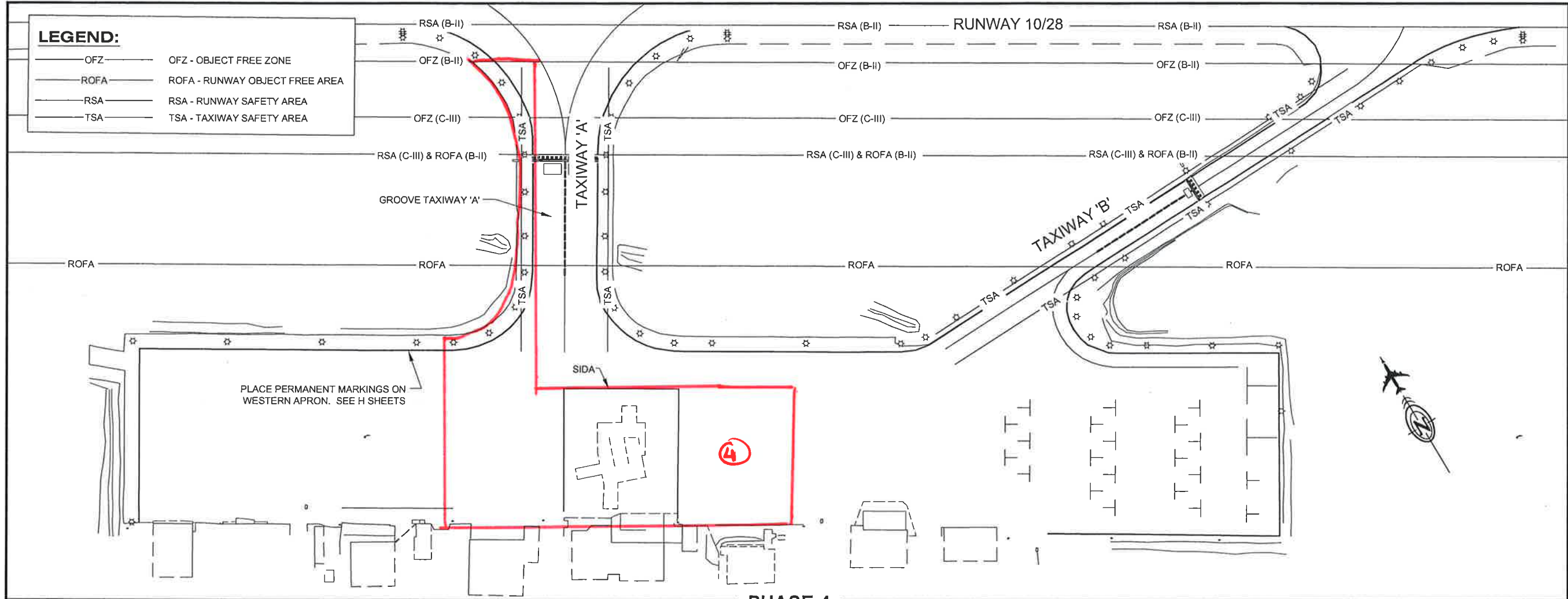
STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
A9	22

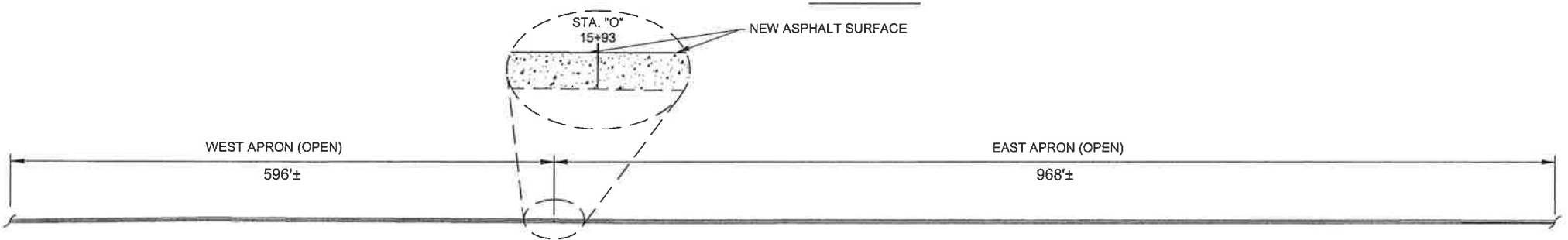
6/23/2015

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.  
PE *J. B. B.* Date 6/20/17

CONSTRUCTION SAFETY AND PHASING PLAN

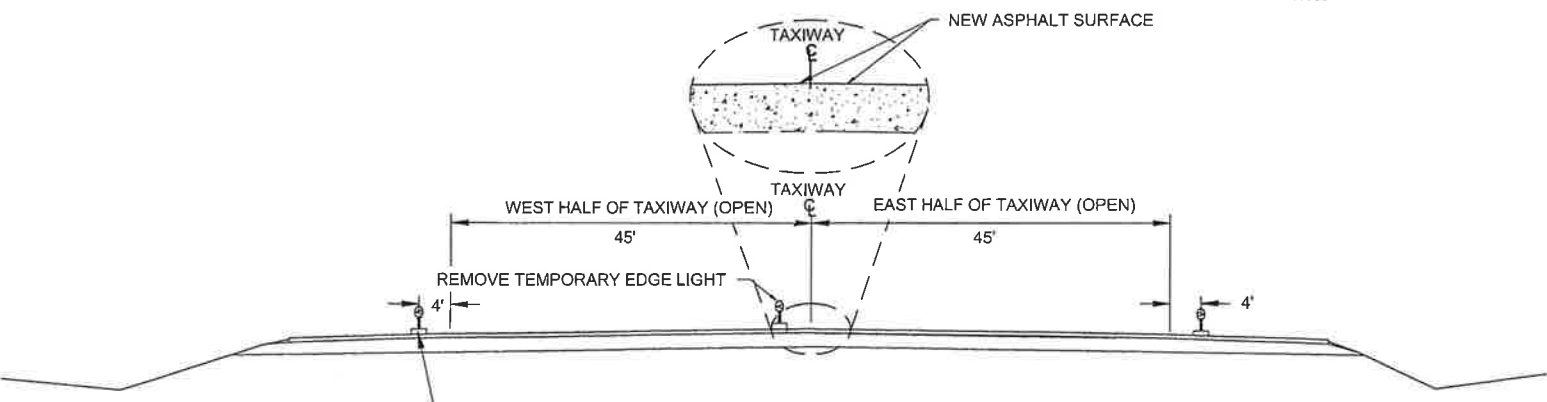


PHASE 4



APRON SECTION THIS PHASE (TYP.)

N.T.S.



TAXIWAY 'A' SECTION THIS PHASE (TYP.)

N.T.S.

PHASE 4 - GROOVING, STRIPING & CLEANUP

1. GROOVE TAXIWAY 'A' WHILE THE RUNWAY HAS AN AIRPORT REFERENCE CODE OF B-II, WHICH SHOULD BE COMPLETED IN ONE NIGHT BEFORE ALASKA AIRLINES OPERATES ON THE RUNWAY.
2. OBLITERATE ALL TEMPORARY MARKINGS.
3. AFTER TEMPORARY MARKINGS ARE OBLITERATED, IMMEDIATELY COMPLETE INSTALLATION OF PERMANENT TAXIWAY AND APRON MARKINGS.
4. REMOVE SEDIMENT CONTROL MEASURES AT THE QUARRY, WASTE AREAS, APRON, AND TAXIWAY.
5. DEMOBILIZE FROM THE STAGING AREA, QUARRY AND AIRPORT SITE.

4. NO EQUIPMENT w/IN 100' OF SIDA WHILE THERE ARE ACTIVE AIRCRAFT IN SIDA.  
ADDENDUM #1

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\WRGI68262\PLANSET\68262\_A5\_A7-A10\_C\PP.DW

TRIPP, CHARLES M (DOT)  
TAB: A10

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CONSTRUCTION SAFETY AND PHASING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

CONSTRUCTION  
SAFETY AND  
PHASING PLAN

PROJECT DESIGNATION

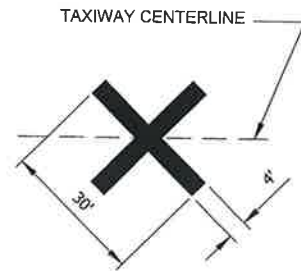
68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
A10	22

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.

PE *L. Buge* Date *6/17/17*

6/23/2015



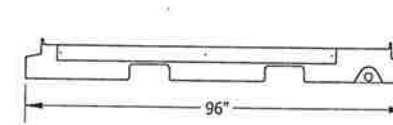
CLOSED TAXIWAY

### TEMPORARY "X" CLOSURE MARKING

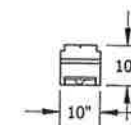
CROSSES SHALL BE YELLOW, CONSTRUCTED OF PLASTIC OR WOOD AND WEIGHTED DOWN SO AS TO NOT BE MOVED BY WIND, PROP WASH OR JET BLAST. WEIGHTS SHALL BE THE SAME COLOR AS THE MARKING.

### SAFETY PLAN NOTES:

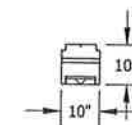
1. PROVIDE SUFFICIENT BALLAST OR ANCHORING OF TEMPORARY LIGHTING TO WITHSTAND JET BLAST. SAND BAGS OR OTHER BALLAST MATERIALS MUST BE BLACK.
2. DISABLE AND PREVENT THE OPERATION OF TAXIWAY EDGE LIGHTS, DURING CLOSURE OF A TAXIWAY.
3. A NOTAM SHALL BE ISSUED THAT SAYS HAZARD MARKER BARRICADES SHALL ONLY BE IN PLACE WHILE B-II AIRCRAFT ARE ON THE RUNWAY.



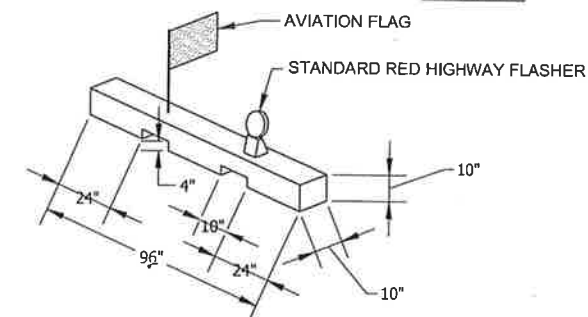
ELEVATION VIEW



SIDE VIEW



SIDE VIEW




PREPARATION OF  
FLAG & FLASHER MOUNT DETAIL

### HAZARDOUS AREA BARRIERS

\*FLAGS SHALL ALTERNATE COLOR (ORANGE/WHITE) ON EACH BARRIER AS THEY ARE PLACED IN THE AIRPORT OPERATIONS AREA, IN SEQUENCE.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.  
PE *Z. Buys* Date *4/20/12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION				
		WRANGELL AIRPORT TAXIWAY & APRON OVERLAY PROJECT #68262				
DESIGNED BY: T. FAGNANT		CONSTRUCTION SAFETY AND PHASING PLAN DETAILS				
DRAWN BY: T. FAGNANT						
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REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	
NO.	DATE	DESCRIPTION	68262/3-02-0323-14-2015	2015	A11	22

TRIPP, CHARLES M (DOT)  
TAB: B1

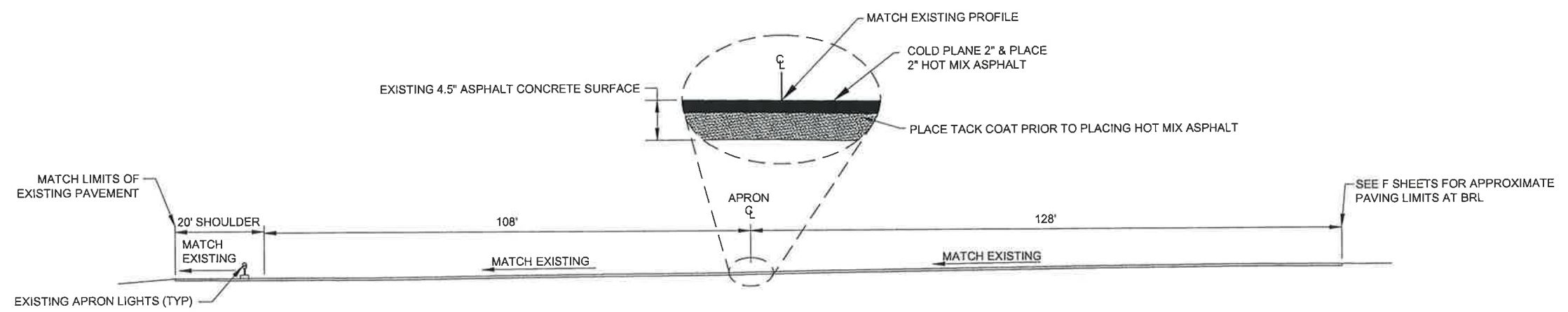
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

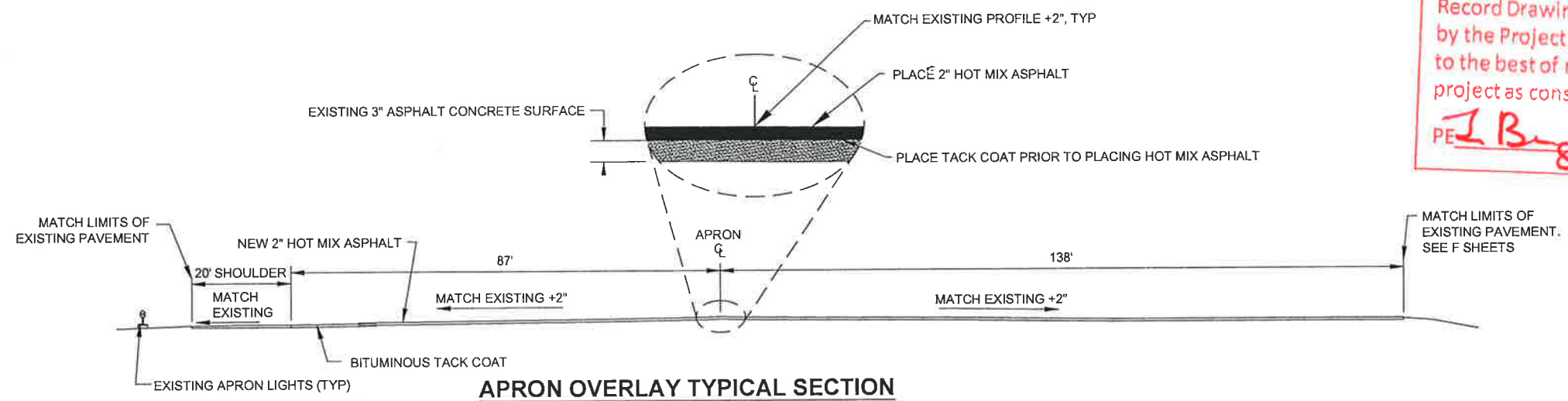
No.	DATE	DESCRIPTION

TYPICAL SECTIONS



**APRON COLD PLANE AND PAVING TYPICAL SECTION**

STA. "O" 10+00 TO 21+70  
N.T.S.

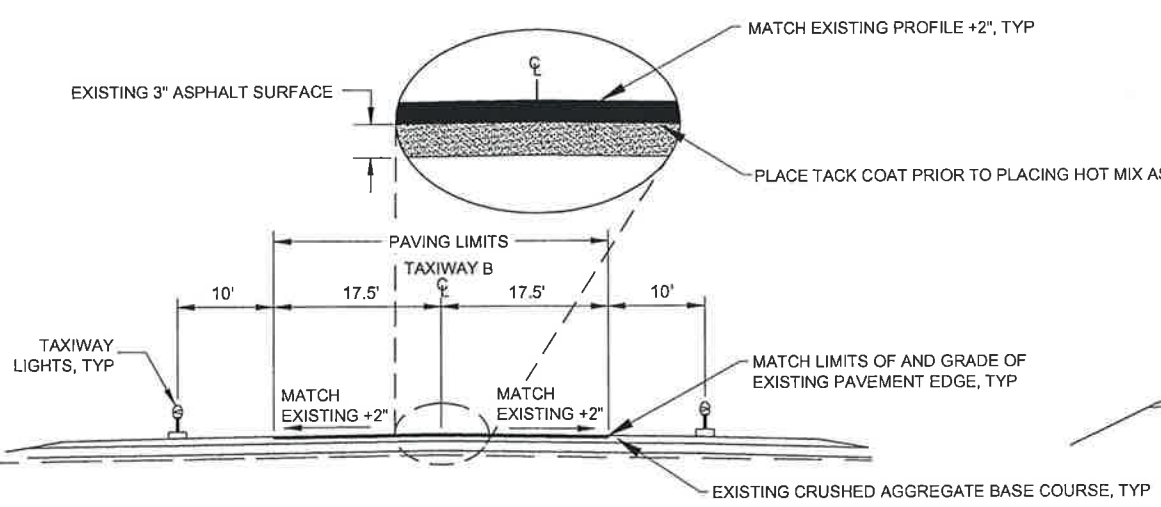


**APRON OVERLAY TYPICAL SECTION**

STA. "O" 21+70 TO 25+67  
N.T.S.

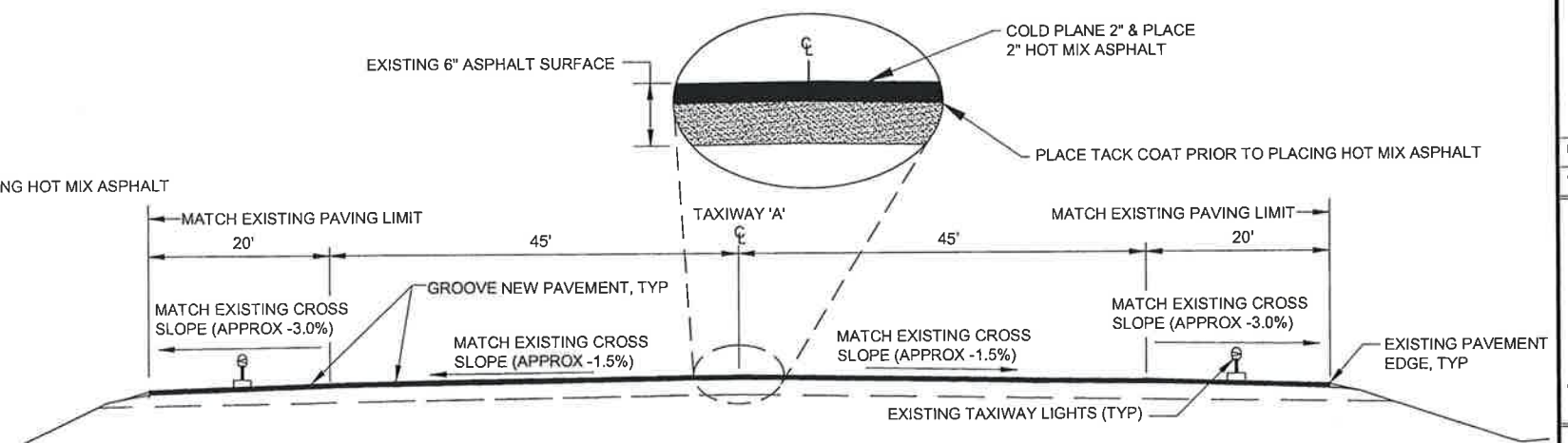
Record Drawings have been reviewed  
by the Project Engineer, and represent  
to the best of my knowledge, the  
project as constructed.  
PE *J. Buge* Date *6/20/17*

NOTE:  
HARDSTANDS SHALL BE FLUSH WITH NEW PAVEMENT



**TAXIWAY 'B' TYPICAL SECTION**

STA. "B" 10+00 TO 17+15  
N.T.S.



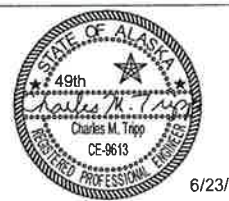
**TAXIWAY 'A' TYPICAL SECTION**

STA. "A" 10+00 TO 13+92  
N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

**PLAN LEGEND**

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION  
**WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262**

**TYPICAL SECTIONS**

PROJECT DESIGNATION	
68262/3-02-0323-14-2015	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
B1	22

ESTIMATE OF QUANTITIES			
ITEM NO.	DESCRIPTION	PAY UNIT	QUANTITY
D-751E	ADJUST EXISTING MANHOLE	EACH	1
G-100A	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
G-115A	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D
G-130A	FIELD OFFICE	LUMP SUM	ALL REQ'D
G-130B	FIELD LABORATORY	LUMP SUM	ALL REQ'D
G-131A	ENGINEERING TRANSPORTATION (TRUCK)	EACH	1
G-135A	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LUMP SUM	ALL REQ'D
G-135C	MONUMENTS BY THE CONTRACTOR	EACH	1
G-200A	CONTRACTOR QUALITY CONTROL PROGRAM	LUMP SUM	ALL REQ'D
G-200B	QC PROGRAM ADMINISTRATOR	LUMP SUM	ALL REQ'D
G-200C	QC TECHNICIAN	EACH	2
G-300A	CPM SCHEDULING	LUMP SUM	ALL REQ'D
G-700A	AIRPORT FLAGGER	CONTINGENT SUM	ALL REQ'D
G-700B	AIRPORT TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D
P-152J	LINEAR GRADING	STATION	40
P-157A	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
P-157C	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D
P-157E	TEMPORARY EROSION SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQ'D
P-157F	WITHHOLDING	CONTINGENT SUM	ALL REQ'D
P-157G	SWPPP MANAGER	LUMP SUM	ALL REQ'D
P-162A	PAVEMENT COLD PLANING	LUMP SUM	ALL REQ'D
P-162B	PAVEMENT REPAIR AREA COLD PLANING	SQUARE YARD	1000
P-209B	CRUSHED AGGREGATE BASE COURSE	TON	1200
P-401A	HOT MIX ASPHALT, TYPE II CLASS E	TON	6410
P-401B	HOT MIX ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
P-401C	ASPHALT CEMENT, PG 64-28	TON	385
P-401E	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
P-603A	TACK COAT CSS-1 OR STE-1	TON	18.75
P-620C	APRON AND TAXIWAY PAINTING	LUMP SUM	ALL REQ'D
P-630B	PAVEMENT GROOVING	LUMP SUM	ALL REQ'D
P-632A	INTELLIGENT COMPACTION FOR HOT MIX ASPHALT PAVEMENT	LUMP SUM	ALL REQ'D
P-650A	SOIL ANCHOR TIE-DOWN EXTENSION	SET	24
P-680A	SEDIMENT BARRIER	LUMP SUM	ALL REQ'D
P-690A	ABOVE GRATE INLET PROTECTION	EACH	1

NEW ITEMS BY CO			
G-131b	CONTRACTOR RADIO'S	LS	\$ 6000
G-300b	MODIFIED PROGRESS SCHEDULE	LS	\$ 5000
P-162c	REPAIR AREA DISCOVERY	LS	\$ 2283.80
P-162d	ADDITIONAL COLD PLANING	LS	\$ 8,228.48

DELETED CO 1  
DELETED CO 1


116.05  
6042.5  
337.82  
18.75

BASIS OF ESTIMATE		
ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTOR
P-162A	PAVEMENT COLD PLANING	35500 S.Y.
P-209B	CRUSHED AGGREGATE BASE COURSE	1.95 TONS/C.Y.
P-401A	HOT MIX ASPHALT, TYPE II, CLASS E	117 LB./S.Y./IN.
P-401C	ASPHALT CEMENT, PG 64-28	6% OF ITEM P-401A
P-603A	TACK COAT	0.1 GAL./S.Y. 233 GAL./TON
P-620C	APRON AND TAXIWAY PAINTING	14200 S.F.
P-630B	PAVEMENT GROOVING	6800 S.Y.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.  
PE J. B. [Signature] Date 6/20/17

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT  
DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

ESTIMATE OF QUANTITIES

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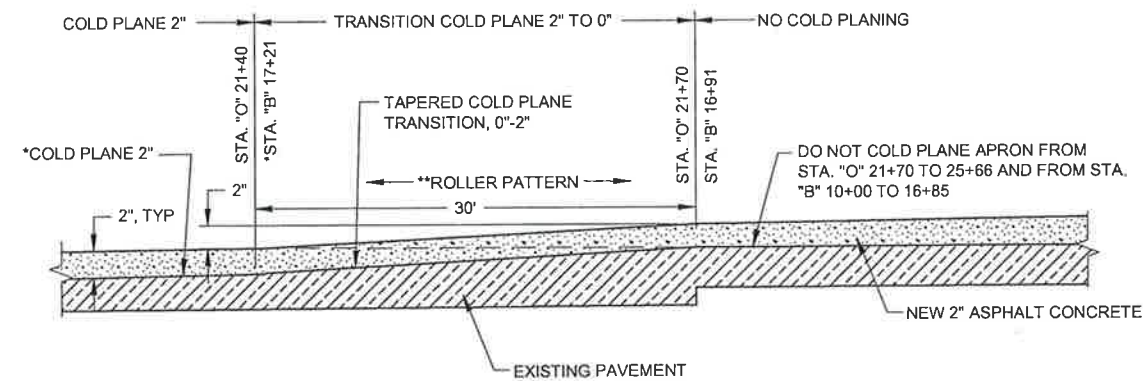
TRIPP, CHARLES M (DOT)

PROJECT DESIGNATION  
68262/3-02-0323-14-2015

YEAR  
2015

SHEET NO.  
C1

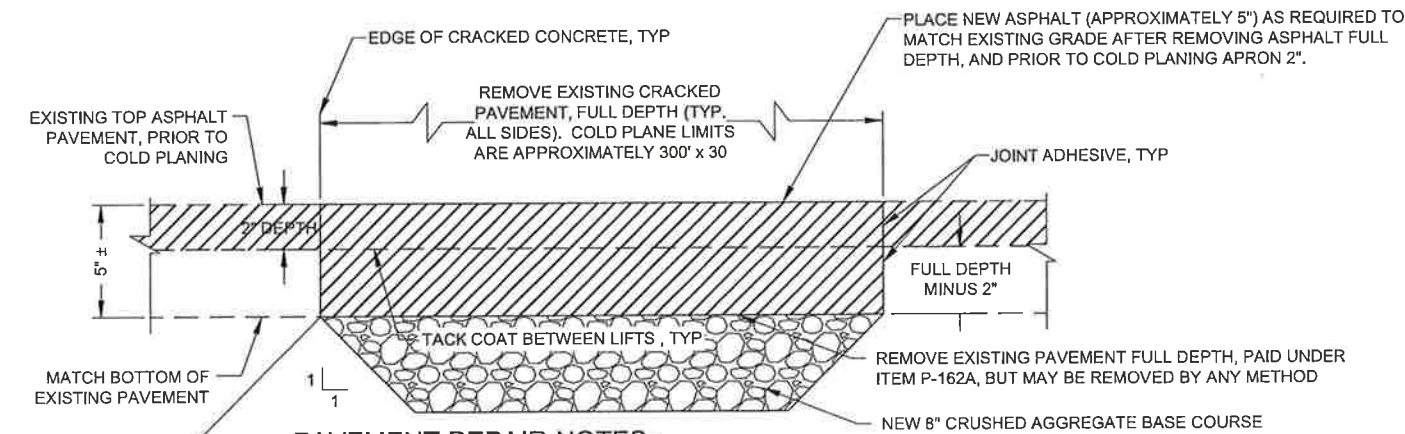
TOTAL SHEETS  
22



### 1 COLD PLANE TRANSITION DETAIL

STA. "B" 16+91 TO 17+21, 53' LT TO 18' RT  
STA. "O" 20+55 TO 20+85, 95' LT TO 110' RT  
N.T.S.

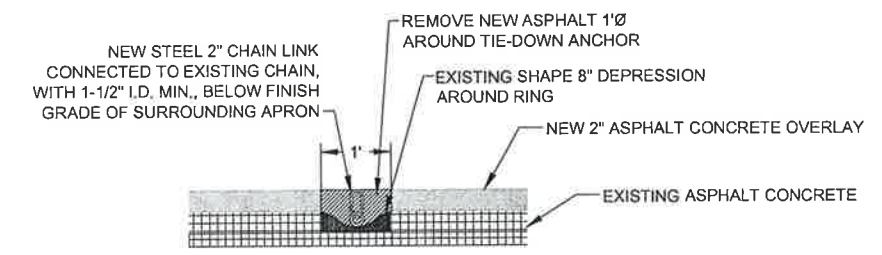
- \*DO NOT COLD PLANE PAST STA. "B" 17+21. KEY PAVEMENT INTO RUNWAY APPROACH
- \*\*ROLLER PATTERN MUST GO PERPENDICULAR TO THE LENGTH OF THE COLD PLANE TRANSITION FOR COMPACTION.



### 2 PAVEMENT REPAIR DETAIL

NO SCALE

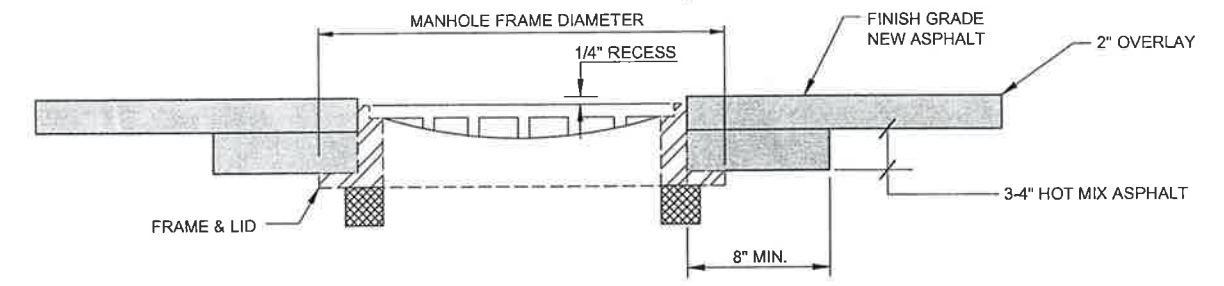
- PAVEMENT REPAIR NOTES:**
- DAMAGE TO ASPHALT, BEYOND LIMITS SHOWN, AS A RESULT OF CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
  - NEW PAVEMENT AT REPAIR AREAS WILL BE COLD PLANED 2" WHEN THE APRON IS COLD PLANED, AS SHOWN IN THE SEQUENCING PLAN.



### 3 TIE-DOWN EXTENSION

NTS

**TIE-DOWN EXTENSION NOTE:**  
PROTECT TIE-DOWN ANCHOR DURING EXTENSION



### 4 MANHOLE DETAIL

N.T.S.

### MANHOLE ADJUSTMENT NOTES:

- ADJUSTING RINGS SHALL BE REPLACED IN ACCORDANCE TO THE MANHOLE INVESTIGATION, CONDUCTED BY THE PROJECT ENGINEER.
- MANHOLE CASTING SHALL BE ADJUSTED TO CONFORM WITH SLOPE AND GRADE OF PROPOSED PAVEMENT.
- ADJUSTING RINGS SHALL BE PROPERLY SIZED FOR THE EXISTING CONE OR FLAT TOP OPENING, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- INSTALLATION OF FRAME, COVER, AND ADJUSTMENT RINGS, ONTO THE EXISTING STRUCTURE SHALL BE WATER-TIGHT.
- APPLY WATERPROOF MASTIC AND MEMBRANE AROUND RINGS.
- USE MORTAR AS NECESSARY FOR LEVELING/ADJUSTMENT.

Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.  
PE *Charles M. Tripp* Date 6/17/20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION										
CHECKED BY: C. TRIPP 		WRANGELL AIRPORT TAXIWAY & APRON OVERLAY PROJECT #68262										
DESIGNED BY: T. FAGNANT DRAWN BY: T. FAGNANT		<b>MISCELLANEOUS DETAILS</b>										
PATH: Q:\WRG\68262\PLANS\SET\68262_E1_MISC_DETAILS.DWG TAB: E1		TRIPP, CHARLES M (DOT)										
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REVISIONS												
NO.	DATE	DESCRIPTION										
SHEET NO. E1		TOTAL SHEETS 22										

TRIPP, CHARLES M (DOT)		
TAB: F1		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN & PROFILE

PLAN LEGEND

CHECKED BY: C. TRIPP



DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

PLAN & PROFILE

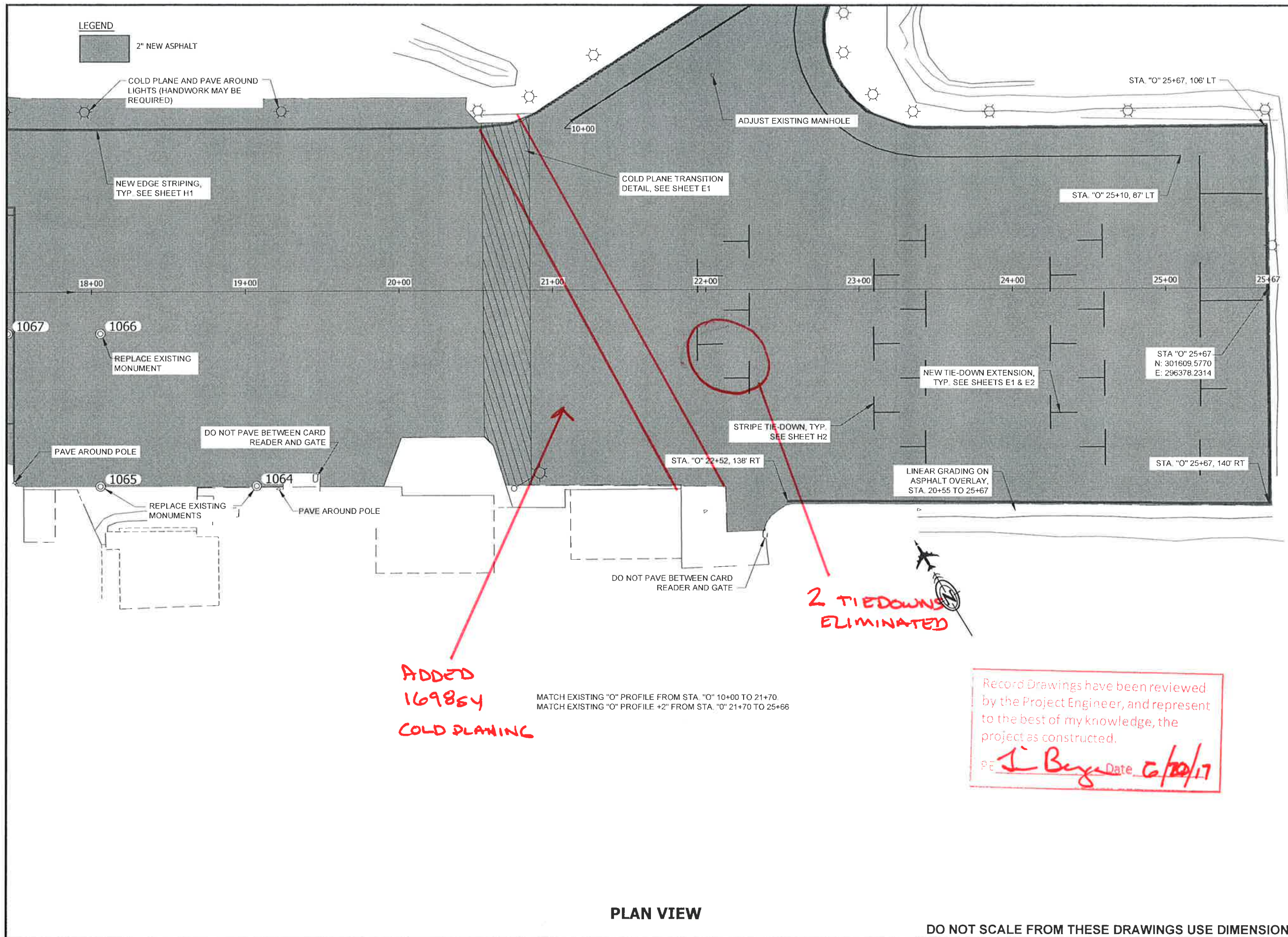
PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F1	22

PLAN VIEW

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



ADDED  
169854  
COLD PLANING

2 TIEDOWNS  
ELIMINATED

Record Drawings have been reviewed  
by the Project Engineer, and represent  
to the best of my knowledge, the  
project as constructed.  
PE *I. Beyer* Date *6/20/17*

PATH: Q:\WRG\68262\PLANSET\68262\_F1-F4\_PLAN\_PROFILE.D

TRIPP, CHARLES M (DOT)  
TAB: F2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN & PROFILE

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

6/23/2015

PLAN & PROFILE

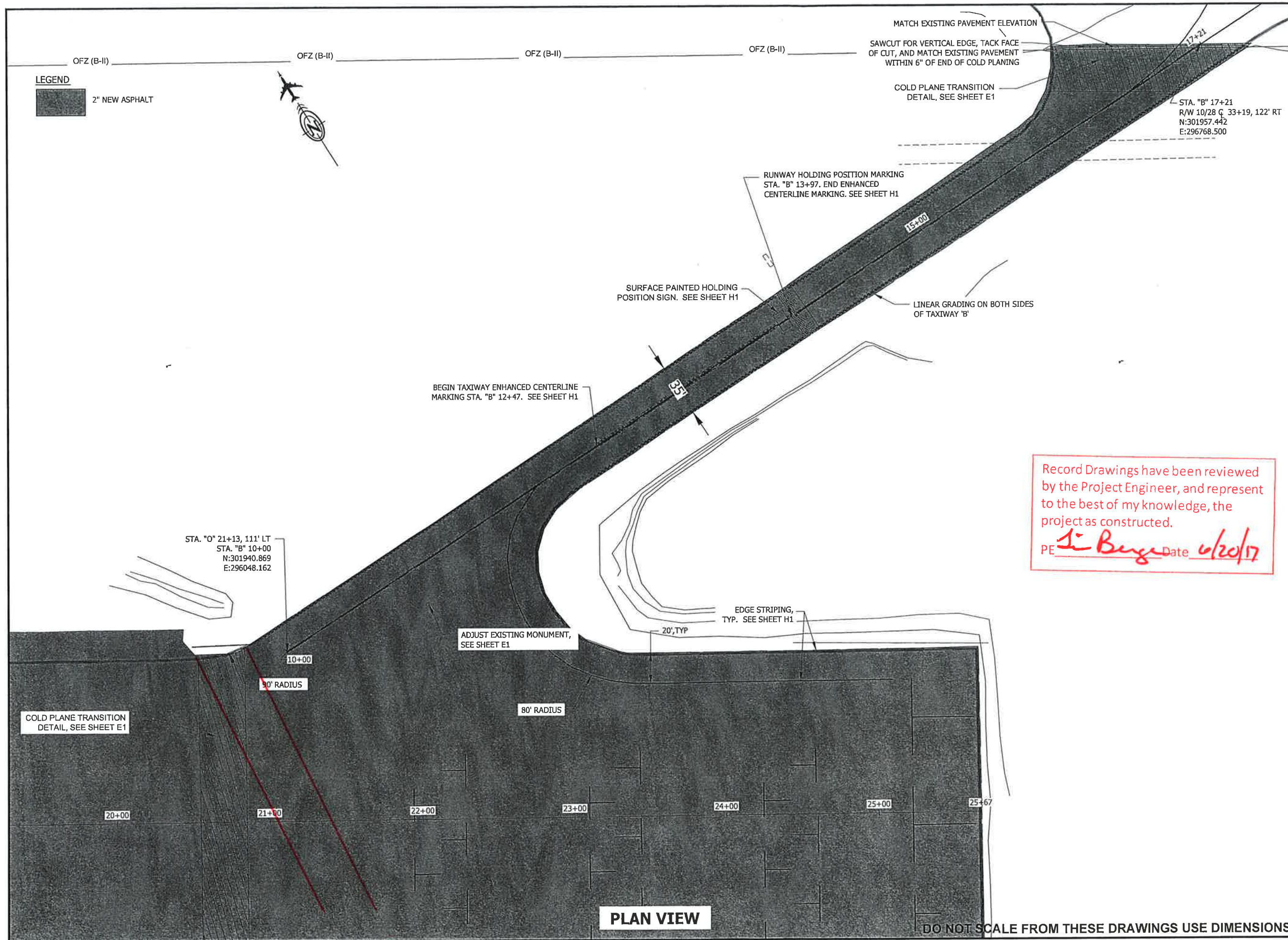
PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015

SHEET NUMBER	TOTAL SHEETS
F2	22





Record Drawings have been reviewed by the Project Engineer, and represent to the best of my knowledge, the project as constructed.  
PE *Li Berger* Date *6/20/17*

PATH:Q:\WRG168262\PLANSET\68262\_F1-F4\_PLAN\_PROFI

TRIPP, CHARLES M (DOT)  
TAB: F4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN & PROFILE

PLAN LEGEND

CHECKED BY: C. TRIPP

6/23/2015

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

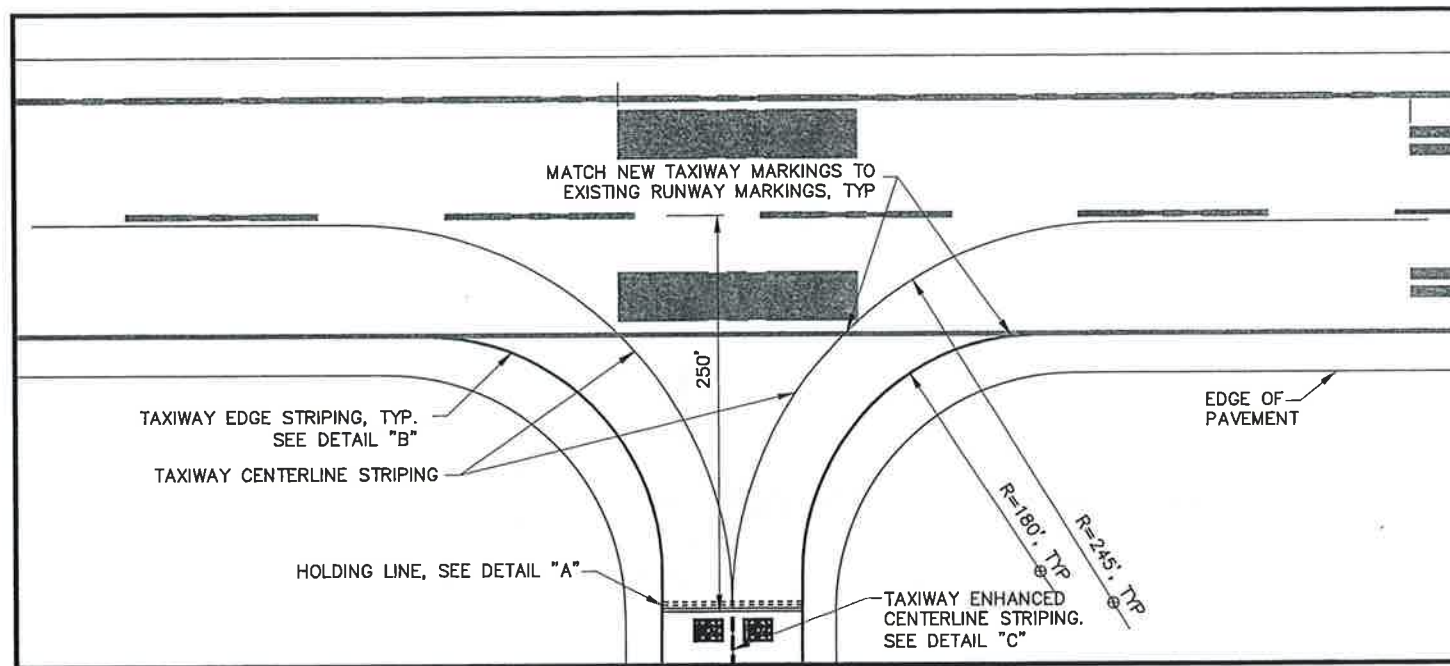
WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

PLAN & PROFILE

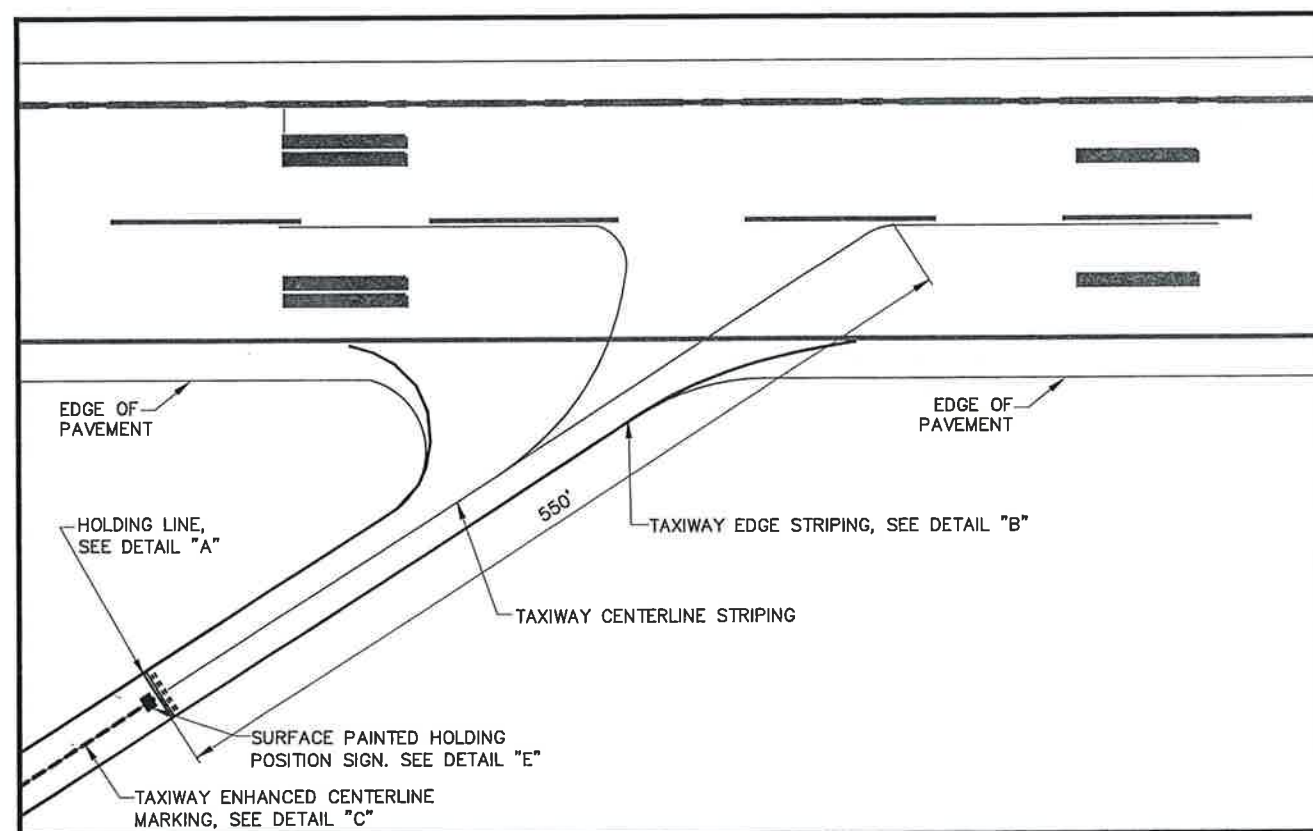
PROJECT DESIGNATION

68262/3-02-0323-14-2015

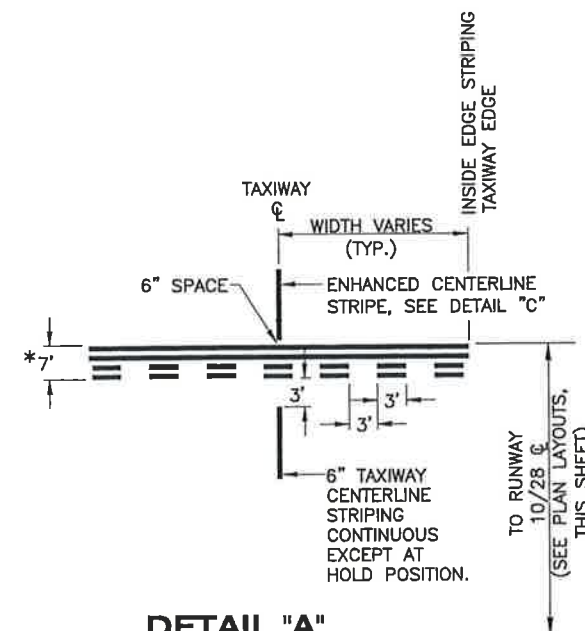
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F4	22



**TAXIWAY 'A'  
STRIPING PLAN**



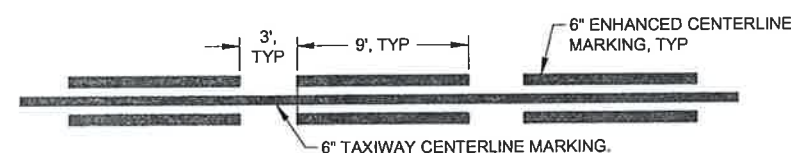
**TAXIWAY 'B'  
STRIPING PLAN**



**DETAIL "A"**

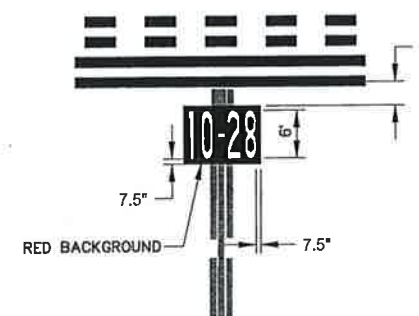
TYPICAL RUNWAY HOLDING POSITION STRIPING

\*4 YELLOW LINES AND 3 SPACES  
AT 1' EACH



**DETAIL "C"**

TAXIWAY ENHANCED CENTERLINE DETAIL

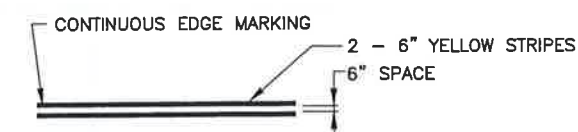


**DETAIL "E"**

TAXIWAY 'B' SURFACE PAINTED HOLDING POSITION SIGN

**NOTE:**

1. SIDA MARKINGS SHALL BE YELLOW 1' WIDE SOLID
2. TAXIWAY CENTERLINE MARKINGS SHALL BE 6" YELLOW SOLID
3. SEE 150/5340-1 FOR SURFACE PAINTED HOLDING POSITION SIGN NUMBER DETAILS

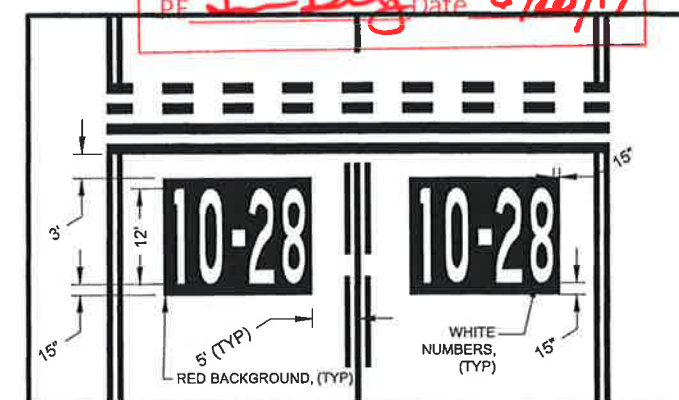


**DETAIL "B"**

EDGE MARKING

Record Drawings have been reviewed  
by the Project Engineer, and represent  
to the best of my knowledge, the  
project as constructed.

PF *L. B. B.* Date *6/10/17*



**DETAIL "D"**

TAXIWAY 'A' SURFACE PAINTED HOLDING POSITION SIGN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHCOST REGION				
		WRANGELL AIRPORT TAXIWAY & APRON OVERLAY PROJECT #68262				
DESIGNED BY: T. FAGNANT		<b>MARKING DETAILS</b>				
DRAWN BY: T. FAGNANT						
PATH: Q:\WRG\68262\PLANSET\68262_H1-H2_MARKINGS.DWG		TRIPP, CHARLES M (DOT)				
TAB: H1						
REVISIONS		PROJECT DESIGNATION		YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION		68262/3-02-0323-14-2015	2015 H1	22

TRIPP, CHARLES M (DOT)  
TAB: P1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EROSION & SEDIMENT CONTROL PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

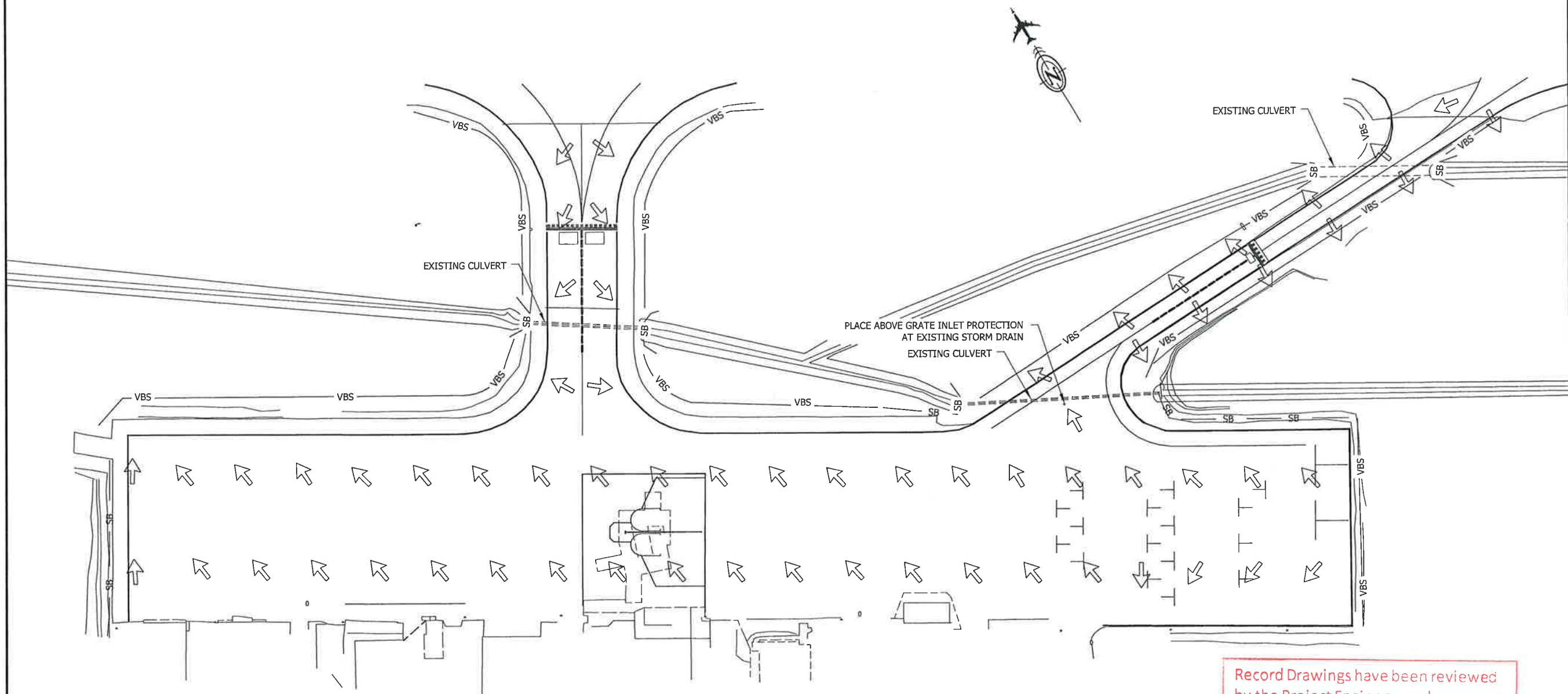
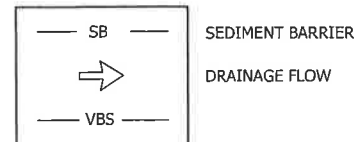
EROSION & SEDIMENT  
CONTROL PLAN

PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE YEAR  
**ALASKA 2015**

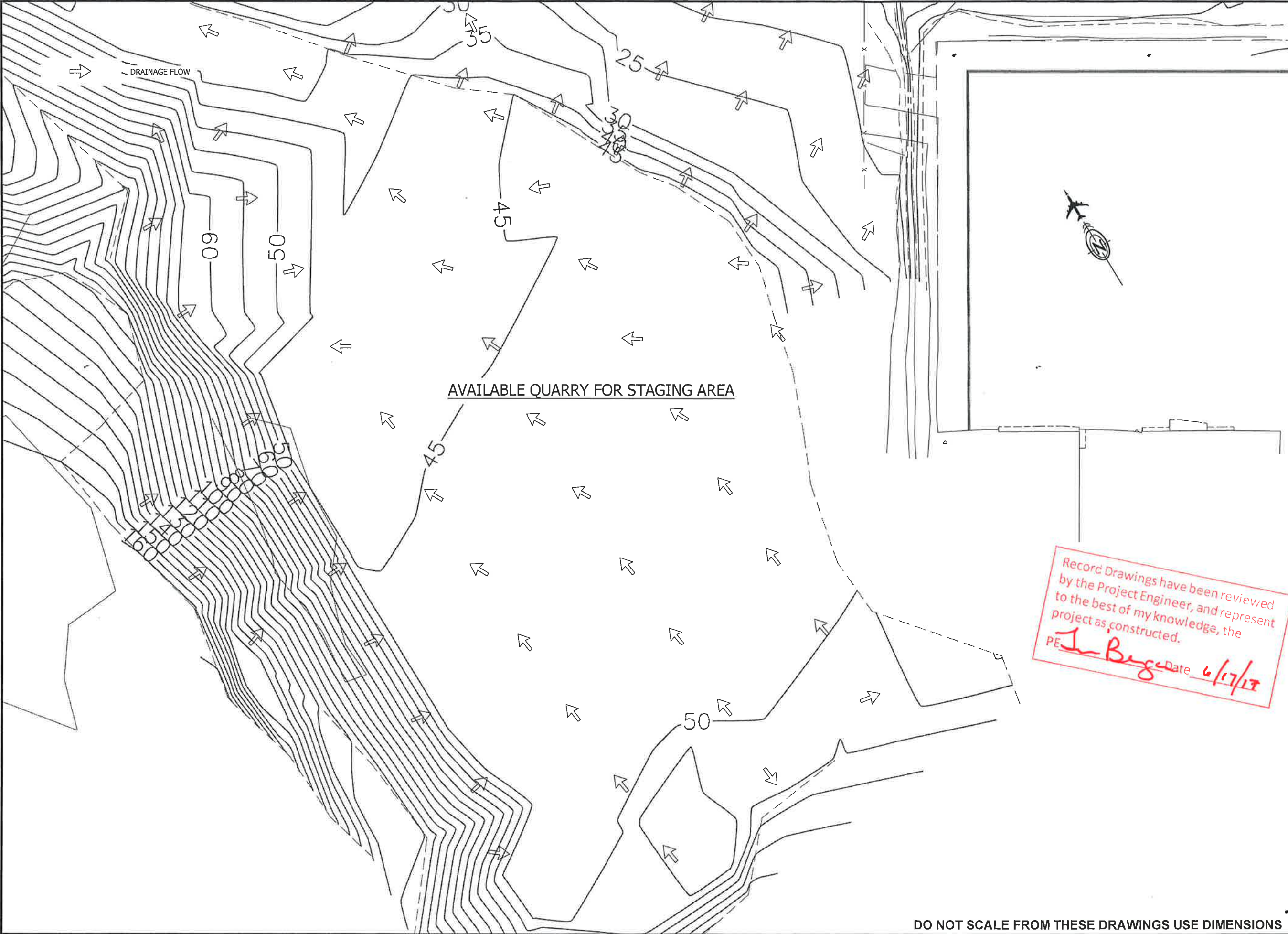
SHEET NUMBER TOTAL SHEETS  
**P1 22**



Record Drawings have been reviewed  
by the Project Engineer, and represent  
to the best of my knowledge, the  
project as constructed.

PE *J. Berger* Date *4/17/17*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH:Q:\WRG\68262\PLANSET\68262\_P1-P2\_ESC.DWG

TRIPP, CHARLES M (DOT)  
TAB: P2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

EROSION & SEDIMENT CONTROL PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

Record Drawings have been reviewed  
by the Project Engineer, and represent  
to the best of my knowledge, the  
project as constructed.  
PE *John Berger* Date *6/17/17*

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
& PUBLIC FACILITIES  
SOUTHCOST REGION

WRANGELL AIRPORT  
TAXIWAY & APRON OVERLAY  
PROJECT #68262

EROSION & SEDIMENT  
CONTROL PLAN

PROJECT DESIGNATION

68262/3-02-0323-14-2015

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
P2	22

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS